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ST. LOUIS, MO., WEDNESDAY, OCTOBER 17,1900.

Volume LIII., No. 42,

COLMAN'S RURAL WORLD

NORMAN J. COLMAN, MOSTORS.

Published weekly at 721 Olive St., Rooms 1214, 1214, 1225 and 1216 Chemical Building. cerner Olive and Eighth Sts., St. Louis, Mo., at one dollar a year. Eastern Office. Chalmer D. Colman, 530 Temple Court,

United States.

Voters in Missouri must be sure on Novamber 8 to give particular attention to control to the control of the co

NEW SUBSCRIBERS.

Every subscriber will confer a grea avor by helping to add new subscriber to our list. By sending a NEW name with at fifty cents each as TRIAL subscribers low terms. Renewals, unless accompanies Chaimer D. Colman, 530 Temple Court, New York City.
Letters should be addressed to COLMAN'S RURAL WORLD, 721 Olive St., St. Louis, Mo. Advertising rates furnished on application. Advertisers will find the RURAL WORLD one of the best drop from the list. Do the best you can expertising mediums of its class in the advertising mediums of its class in the for the best and cheapest weekly farm United States.

I remained in Okiahoma some time and hever find in the new country. The trees is many times done by disposing of unprofitable stock. Much of this claise of stock will eat sufficient to feed paying hens, rigs, calves, cows or horses, and then after having had much care and feed disable stock. However, the stable, should in late winter or early springs. The occur and the said profit and those found wanting should go to the barr lot, the stable, should all be weighed in the balances of possiblite profit and those found wanting should go to the poor to the barrel or to marked in holds and with well-aimed bullet end her career. It takes the best of business nerve to dispose of animals that have only the possibilities of profit in them. Yet if farmer would carefully consider the unprofitablemes of the hens, cows and horses on the farm, many of them not only leaving unpaid board at the command respect. Let him clean up his best surface and horses on the farm, many of them not only leaving unpaid board bills, but as any of the bens, cows and the safe in the command respect. Let him clean up his best surface, and here is my address on the farm which well-aimed bullet end her career. It takes the best of business nerve to dispose of animals that have only the possibilities of profit in them. Yet if farmer's would carefully consider the unprofitablemes of the hens, cows and the command respect. Let him clean up his best sult of clothes and his over one and horses on the farm, many of them not only leaving unpaid board bills, but as an education. Nor does he need fine clothes and beore at 3 a week are well and the profits in them. Yet if farmer should carefully consider the unprofitablemes of the hens, cows and the nearly of the hens of the hens, cows and the nearly of the hens of the hens, cows and the nearly of the hens of the hens, cows and the nearly of the hens of the hens, cows and the n

A BRAKEMAN'S QUERIES

Editor RURAL WORLD: Last spring I was in need of information about cow peas and got it from the RURAL WORLD peas and got it from the RURAL WORLD without ever asking for it. What I want to know now is will it be a good plan to plow the land I had in cow peas and sow it in rye for winter cover and pasture, then plow it up in the spring and sow it in oats and seed it to red clover? The land is worn thin, and I want to get it seeded to clover and make a hog pasture of it. Do you know of any better way to get a good stand of clover?

I will continue to give you my experience with the peas. I had four acres of thin land, so got some whippoorwill peased from a local dealer and began planting on June & But the drill I had did not sow them thick enough, and I had to get

sow them thick enough, and I had to get another. On June 8 I got a drill that did

them had something good to say about them. I would like to hear from our friend, Mr. Talbot of Ozone, Johnson Co., Ark. When I was at his place six years ago he had just bought a pair. Please, Mr. T., tell us of your success with them. ArkANSAS CROPS.—In this part of Arkansas we have had much rain of late. Cow peas, the early ones, have nearly all rotted in the fields. Cotton in the river bottom would make from one to two bales per acre, but nobody will go there to pick, as it is too sickly, though they are paying II per 100 pounds for picking. They are obliged to sleep in the cotton pens and fence cornemodate the pickers. They are obliged to sleep in the cotton pens and fence cornemodate the pickers. They are obliged in the field; some has specuted in the bold, and lots will not be picked at all.

Corn is a good crop and not worth and lots will not be picked at all.

Corn is a good crop and not worth of the field; some has specuted in the bold, and height government of the control of the field; some has specuted in the bold, and lots will not be picked at all.

Corn is a good crop and not worth of the field; some has specuted in the bold, and lots will not be picked at all.

Corn is a good crop and not worth of the field; some has serious to cotton.

A VALUABLE REFORT.—Hon. Binger have had a fine season here, and a good is the late crop of Irish potatoes. We have had a fine season here, and a good for Mr. B. Hamilin from peanuts to cotton.

A WORD OF ADVICE.—Now, a word for Mr. B. Hamilin from one who has seen in whole lot of this country and taken in the country and taken in the provision of the passage of a bill authorment of the passage of a bill authorm

From this report we find that there are now 28 forest reserves comprising 46,772,129 acres. One of the most important features of the Commissioner's report is his recommendation of the passage of a bill authorizing the forest rangers to make arrests in cases where persons are engaged in setting fire to the forests or of persons who carelessly leave campfires burning. He advises the government to promptly withdraw all the land unreserved, which is more valuable for forest purposes than

AMERICAN GRIT.—Much has been said in the press regarding the destruction of Galveston. A Northern paper of promi-nence pays a glowing tribute to the pluck and perseverance of Americans in general and the citizens of the Lone Star State in

"Not a single American town devastated by flood or fire or hurricane, has ever been retarded in its growth or progress. The American people are not given to deser-tion. There is in the American character no taint of superstition to make the peo-ple cowards in the face of trouble. There is, on the other hand, a spirit of indomiis, on the other hand, a spirit or indomitable courage, a quality of stubborn insistence that carries them to victory over the most adverse circumstances. As it has been in other cities, so will it be in Galveston. The recuperative powers inherent in the people will make the new Calveston, greater than the pdd." Galveston greater than the old! BOUNTIFUL HARVEST. - From

BOUNTIFUL HARVEST.—From a trustworthy source we glean the fact that the harvest of this season will closely crowd last year's unparalleled record. It is estimated that the yield of wheat will be, approximately, 600,000,000 bushels; oats, 500,000,000 bushels; and the corn crop bids of the yield the approximately of 2,000. fair to yield the enormous total of 2,000, 000,000 bushels! What an important factor 000,000 bushels! What an important factor the American farmer is in the world's affairs! The world must be fed. The demand for foodstuffs increases annually. Wars and turmoils in the Orient, and the necessity of large standing armies of the European nations will exercise a wholesome influence in holding up prices, irrespective of natural causes, and market interestical such as what relight in others. vicissitudes, such as short yields in other Editor RURAL WORLD: There is a blooming fire tree from Queensland, Australia, in the conservatory in Central Park, New York. It is 30 feet high and has innumerable blossoms of a peculiar red hue. So profuse are they that they hide the green leaves of the tree. From the profusion of flowers hiding the leaves the tree at a little distance looks as if it were adorned with coals of fire at red heat. This tree is certainly a novelty.

FACTS AND FIGURES—In his "Principles of Economics," Professor Marshall says that perhaps a second performance of the situation of the situation of the situation of the situation. This vast wave of the stree at a little distance looks as if it were adorned with coals of fire at red heat. This tree is certainly a novelty.

FACTS AND FIGURES—In his "Principles of Economics," Professor Marshall says that perhaps a second period and encouragement has covered the entire country—North, South, East and worms and chinch bugs the coals of fave at red principles of Economics," Professor Marshall says that perhaps a second period and encouragement has covered the entire country—North, South, East and West alike. The cotton plants and complete the strainty of the situation. The street is a light of the street and south, the next north and south, and finally to cover the what the present the sufficiently high,

my studies and securing my diploma as a full fledged doctor, I concluded I would like to see the old folks at home in Virlike to see the old folks at home in Virginia, from whence I had strayed 15 years
before. On arrival at home I was a
stranger to father, mother, brothers and
sisters. I introduced myself, and after a
few remarks, I handed my diploma to my
father. After reading it, he handed it
back, saying: 'Well, Charles, I have always said, if there is anything in a boy it
will come out and if there is nothing in will come out, and if there is nothing in him it is not worth while fooling with him."

him."

This is the point. It is not the big farm
that makes the scientific, successful farmer. It is not education that makes the
man; education only develops.

Mr. H. should view his questions from

several points. A few of the chief considerations should be as follows: His own age, the ability of his boys as traders or to conduct business transactions, what avocations the boys desire to follow through life, and what the market facilities of his present home. Are there not chances of doing worse instead of better in selling the old home and taking another? After considering these well then set from true convictions. several points. A few of the chief consid-

The command report of the varieties first product for the continue to the the

Who Asks Advice of Rural World Readers.

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Editor RURAL WORLD: The question of him and many other fathers in the broad land of America. Though the writer has not been favored with boys to start in the yet daughters sustain this same relation to a father that do the boys.

In opening this discussion, I direct Mr. H. to the article "Too Much," in RURAL WORLD of September 29, which covers at the bedside of a man, now in old ago, who has had a successful life as a farmer and stock raiser-a man who owned and managed a thousand-acre farm for several years, and the subject of conomical and scientific farming was brought up by two of us. While discussing the whys, ifs, etc., of this subject in the room of this feeble old man, who, unobserved, had been listening, he turned his head and said: "The great cause of hard times in this country is due more to waste on the farm and of farm land, than to poor land. A man that can't make a living on ten as created and the correctly named. This is the oducating boys in this state; the lack of money should not be abarrier, as we have the Agricultural College with its extended to curse, and in many instances giving boys a chance to work en the college farm for part or all of their expenses. If a boy or girl in these United States starts out to secure an education he or she will get it money or no money.

I heard of America. Though the writer has the proper time, but there is an other is a cure for this, in spraying the traveling at the proper time, but there agent with water at 12 degrees will cure; this is minamed fruit. We had Calirgeau with water at 12 degrees will cure; this is minamed fruit. We had Calirgeau with water at 12 degrees will cure; this is minamed fruit. We had Calirgeau with water at 12 degrees will cure; this is minamed fruit. We had land of the were wongity named. We had Roxbury russet as Golden russet, White Pippin as Belifiower, and Belifower, and Belifower and stock raiser—a man wh

girl in these United States starts out to secure an education he or she will get it money or no money.

I heard a physician, who is still living, tell a bit of his history. He said: "In my early boyhood I could not indorse my father's government in the home; so I pulled up stakes and, like Lot of old, I pulled up stakes and, like Lot of old, I pitched my tent, not toward Sodom, but somewhere, and finally landed in Baltimore. In a few days I found favor with a merchant in the city, so I set to work, going to school as I could, until I was old enough to choose a vocation in life, choosing that of medicine. After completing my studies and securing my diploma as a term of the securing my diploma as a term of the abuses of our fair system. Another is the family ticket plan. I personally knew a man to carry nine people through the gates on his family ticket, when in fact he had but four family, and then boasted of how he beat the fair. Our fair is free from the side show and symbiling evil, and among the \$0.00 attendance on each of two days there were but four arrests for drunkenness. The town, one-third of a mile away, had seven salons in full blast, but the unruly class seemed to stay in town, as they knew that certain arrest would follow if they entered the gates of the fair grounds. one-third of a mile away, had seven saloons in full blast, but the unruly class seemed to stay in town, as they knew that certain arrest would follow if they entered the gates of the fair grounds.

BY THE WAY, to-day, Oct. 13, I got a good picking of Warren's Early cowpeas, second crop from a July planting of this year's seed: I also have a vine of velvet.

year's seed; I also have a vine of velvet bean, from seed planted in May in oper ground, which has nearly mature pods on it. If these will ripen enough to grow I would not take a dollar s pod for them. Ohio. C. D. LYON.

SOME TEXAS QUESTIONS.

Ricking Fodder-Pasturing Wheat and Editor RURAL WORLD: I get much

benefit from reading of the experiences of others. Let me relate some of mine: I ricked some corn fodder, extending the rick east and west to make it serve as a wind break, but several heavy rains caused the corn to mold and I had to use the north side of the rick at once; so I will not rick any more fodder or snapped ear corn east and west. But I am obliged to clear a field of the fodder, as the land has been sown with wheat, one bushel to the acre, to afford winter grazing. I have thought of making a rick after this plan: "Erst leving down, a pile of bundles of

OFFICE MISSOURI DAIRY ASSOCIA PON, 1212 Chemical Building, St. Louis Mo. Norman J. Colman, President; Lev Chubbuck, Secretary.

DAIRY MEETINGS

Iowa State Dairy Association at Storm Lake, Tuesday, Wednesday and Thurs-day, Nov. 13, 14, 15, 1900.

nesota Butter and Cheesemakers' on at Fairmont, Minn., Nov. 22-

Editor RURAL WORLD: The excellent Dairy Department that is now being sus-tained by the RURAL WORLD, possesses of the inevitable intensive system, and go along, naturally and profitably with the small farms of the future. The all farmer will, sooner or later, find it gested lines of industry still pursued by the large land holders. Here, then, in the new and undeveloped lines of agricultural production, lies the great hope of the mail farmer. Besides the greater profitableness of dairy farming over grain or general stock farming, it affords unexelled means of restoring soil fertility or ing it at the highest degree

increase our dairy farms 100 per cent in the next five years. What our farmers need is more knowledge of the cona positive assurance of a market for a good article of butter, cheese and milk. TWO ILLUSTRATIONS.—The dairy in-dustry of Ray County has reached its highest development on the farms of Dr.
J. W. Halstead and Mr. A. J. Watkins, both of near Lawson. Recently I spent a nt and profitable day in visiting

THE HALSTEAD CREAMERY.-Dr. Halstead is conducting a combined dairy and creamery. About one-half of his milk supply is furnished by his own herd, the her half being bought from neighboring ers. Dr. Halstead has successfully farmers. Dr. Haistead has successfully conducted this business during the last two years, and it is constantly growing, and interest in the plant continues to increase among the neighboring farmers. He is now getting about 1,000 pounds of milk daily, including his own production. For this milk he pays the producer 60 cents per hundred on the basis of a standard of a 3½ per cent butter fat test. This milk is collected at the creamery each morning by Dr. Halstead, who sends out a wagon to return the skim milk and bring in the fresh supply. Considering the fact that the skim milk is worth about 20 cents per hundred for hogs, we find the price real forms. price paid is very good and the farmers nerally well pleased with their limexperience in selling milk. The unt of butter produced by Dr. Halprice of 23% cents per pound.

It is fortunate for the dairy interests

in the development of the business who is rising, well-informed and liberal doctor has, at considerable expense, convenient dairy building equipped with engine, centrifugal separator and all the modern approved dairy es. He is equipped to handle at ast 5,000 pounds of milk daily, and dairy herd is composed of 23 head of na-tive and grade Jersey cows of an average weight of 1,100 pounds. Just such cows as one might pick up by diligent search and painstaking selection in almost any nity where improved breeds have butter cows. Dr. Halstead is now going ahead, as every intelligent dairyman ct an ideal dairy herd. In this work he will find the Babcock test and daily rds indispensable factors leading to

of this community that it has one to lead

HANDLED.-Thus far the cows are put in stalls only while milking, after which they are turned into the lot with open sheds as a protection from storms. The doctor is not certain that this method is as economic as would be more abundant

calves are raised on skim milk, blue grass and cow pea pasture; the latter is believed to be rather the best pasture yet found for the growing calf. In making up rations for his cows, Dr. Haistead depoint of the production of the state of the state of the production of the state of the stat pends, I think, rather too largely upon

"Honor is Purchased by Deeds We Do."

Deeds, not words, count in battles of peace as well as in war. It is not what we say, but what Hood's Sarsaparilla does, that tells the story of its merit. It has won many remarkable victories over the arch enemy of mankind - im-



carbonaceous foods. The corn plant is his main dependence. Corn and cobmeal with cutter and cut to one-fourth inch lengths. stover, timothy hay and sheaf oats are fed extensively. Some cow peas were raised and fed this year and gave excellent results. The intelligent dairyman is constantly looking out for the albuminated and the statement of th

Our Carbonaceous foods with.

Dr. Halstead has charge of a farm of
550 acres devoted to general farming. He
is able ts make the dairy department pay
the running expenses of the entire farm,
and contemplates extending that depart-

is able to make the running expenses of the surprise of the coal or reason of the coal or reason of the coal or reason of the coal or ranner of the coal or reason or reason of the coal or ranner or ranner or ranner or ranner o

reached the handsome aggregate of 13, 000 pounds, or over 220 pounds per cow for the total number in the dairy

The herd consists of Jerseys and grade Shorthorns. It contains many cows of superior individual merit as shown by the Babcock test. maintaining it at the highest degree.

That the State of Missouri, especially in its central and northern sections, is admirably adapted to dairy farming is evidenced by the success of those who have intelligently pursued the industry to fortable quarters in winter and stormy to seasons. As much bedding is used as is

seasons. As much bedding is used as in dairy farms 100 per cent in years. What our farmers more knowledge of the concessful dairy farming, and surance of a market for a of butter, cheese and milk. pasture is a large barn with doors always open, which furnishes shade in summe and inviting retreat in storms of all sea About 150 head of fat hors are sold each

nd keeps registered males of each breed Mr. Watkins is demonstrating in his own way and without any special scien own way and without any special scientific training that dairying can be made a profitable business in Northwest Missouri. He has succeeded grandly and he deserves the thanks of his neighbors and countrymen.

8. H. VAN TRUMP. eserves the thanks of his neighbors and countrymen. S. H. VAN TRUMP. Lawson, Mo. In the last issue of the RURAL WORLD

nention was made of the Watkins exhibit of butter at the late St. Louis Fair. In this tained by Mr. Watkins, who is push their goods to the front and make effort to prove that Missouri made butte is as good as that made in any state it the Union. Neither do they let the pub

know what they are doing.

We are under obligations to Mr. Var
Trump for telling RURAL WORLD readers what Dr. Halstead and Mr. Watkini are doing to develop the dairy industry in Ray County. We will be glad to hear from others along this line

Editor RURAL WORLD: We have jus received awards on our butter exhibit a the Illinois State Fair, which are as fol the limbis state Fair, which are as fol-lows: First premium on eight-pound pail county exhibit, score 97; first premium on five-pound prints county exhibit, score 96½; second premium on five-pound prints open to state, score 96. One of 10 among whom a purse of 960 was awarded for highest scoring butter.

highest scoring butter. While our boys feel proud of this record I see a great deal m ore in it than jus I see a great deal more in it than just them. Were they all that is claimed for the premiums. The boys have received a lesson in preparing these exhibits that raises them one notch higher in the art of dairying. They have learned that it is the little things in butter making that go to make up the grand whole in a first-class article. They know that the fact of our herd being all Jerseys resulted in our butter accrise perfect in the more rapid the creaming. This sulted in our butter accrise perfect in the more rapid the creaming. This sulted in our butter scoring perfect in is the whole secret to perfect gravity

boys say, as they have a silo open and can not induce cows to eat enough ensilage to keep the silo surfaced off enough to have ensilage as good as it should be.

COST OF ENSILAGE.—We put up our ensilage at less cost per ton in labor this fail than ever before. If 15 years ago we out the part of the cost of t put it up at a cost of \$1.00 or \$1.25 per ton we were satisfied; now we have the cos below 40c and think we can do still bette

SECOND GROWTH SORGHUM.-Who wants to skin our Jerseys for one-half of the hides? Some of you fellows who have so many cattle killed in from no time up the hides? Some of you fellows who have so many cattle killed in from no time up to eight minutes by letting them run on condensed milk and evaporated cream; nd growth sorghum could, with your second growth sorghum could, with your experience in taking off bides, make good wages working on the halves. Joking aside, we have 20 head of eight and 18-months-old Jersey heifers running night and day on 18 acres of second growth sorghum, besides at many times several of our restrictions of the several of our several

This serves as hay and grain and will be continued right through winter and spring work. This feed is better than hay, and J. A. Ennison, Rogersville, Wis. Chee

cheaper. Mr. R. H. Pethebridge, well known to pea is the most economic food to balance our carbonaceous foods with.

Dr. Halsted has haves of a farment of the farm some time ago, when we showed him our combination coal and the first choice of 1,000 dairy farms. So we have.

E. S. Rice, Triumph, Ohio. Hot choice of 1,000 dairy farms. How have mined enough cheese; gold medal. supply he remarked that we had the first choice of 1,000 dairy farms. So we have. The past week the boys mined enough coal to run us during winter months, and last night a heavy rain filled up the mine, making a large pond. When we have secured our ice supply all we have to do is to drain off the water and again get at the coal. We get the coal by surfacing with a scraper.

Chesse made by pupils; gold medal.

E. S. Rice, Triumph, Ohio. Home dairy chesse; gold medal.

Dairymen's Union of California, San Enclisco. (California collective exhibit.)

Butter: silver medal.

Chesse made by pupils; gold medal.

E. S. Rice, Triumph, Ohio. Home dairy chesse; gold medal.

Dairymen's Union of California, San Enclisco. (California collective exhibit.)

Russell Cream Co., San Francisco Chesses made by pupils; gold medal.

FRAUDS IN DAIRY APPLIANCES.

The Rapid Fire Churn.

Editor RURAL WORLD: About ter minutes, than any other churn ered by patents and filled with kickers and plungers, until there was little ro left for cream. Then there was a patent blower that was warranted to force a current of pure air through the cream to eradicate all foul odors in the cream. The way this churn with its bowels full of plungers agitated and thrashed the cream was a caution. These men learned that I was engaged in dairying, and they me a churn and it they could have be one, to give me one for an in-ment to help them swindle our neigh-How they pitied us when they told that we used a barrel churn. were away behind the times, the said. I let them talk, and they spoke their little piece well, and after they were through I said: "That all sounds nice, and I want to make you a proposition." "All right," they said, "go ahead." We set a date when they were to come back and their churn was to be tested alongside of ours and be strong of our and be set to be a said. of ours, and be given a fair trial. their churn got as much butter out of the same amount of cream as ours did, and of as good texture and as good in quality as that churned in our old out-of-date back-breaker, and this in one-half the time (it usually required about 30 minto churn with our churn, which would give them 15 minutes or ten minutes more than warranted time), then I would at least recommend their churn as being worthy of a trial. Yes, sir, they would do this, but they never appeared on the scene. They knew their churn was a fraud, and before they left they knew that I knew it was a fraud. that I knew it was a fraud. Yet they suceded in selling over 200 churns in our bunty. People who bought them soon found out, first, that from one-third to one-half of the butter fat was left in the butter milk; second, that the grain was ruined; third, that it required more muscle to run it than the ordinary mortal possessed, and last, that the churn was de to sell. It was the biggest little windle I ever saw, yet farmers fairly

THE DILUTION SEPARATOR .- This churn swindle has its counterpart now in the dilution separators that are warranted to raise all the cream in from four to ten hours. And after the milk has been diluted one-half with water, the skim milk is said to be just as good for feeding as undiluted skim milk fore any eeding as undiluted skim milk from any other system of creaming. Now that other system of creaming. Now that sounds just as nice as the patent churn men's story, but is it true? Just about as much truth in one story as in the other; and just as much virtue in one machine as in the other. These separators, as they are called, have been given a fair and impartial trial by disinterested parties, and have always failed to come up to what the manufacturers claim for up to what the manufacturers claim for them. Were they all that is claimed for

suited in our butter scoring perfect in grain and color. They know that it takes sound foods of the right kind, clean barns, careful milking and lots of careful work in the creamery, and a knowledge of putting butter in a perfect package.

THE BLUE GRASS PASTURES at Cedar Hill are better to-day than they have been at any time this season; too good, our boys set when they have been at any time this season; too good, our least as some of them claim in their advertisements, his is the separator to be let with the contraction of the contractio severely alone. M. E. KING.

GROUP VIII., CLASS 40 Secretary of Agriculture, Dairy Division Washington, D. C. Collective exhibit of

J. F. Howard, Haverhill, Mass. Potted cheese; gold medal. La Crosse Cheese Co., Wis. Potted cheese; gold medal. Ohio State Dairy School, Coli

(California collective exhibit.) Natural cream in tins; silver medal.

Fred. Harvey, Galt, Cal. (California collective exhibit.) Butter; silver medal.

Helvetia Milk Condensing Co., Highland, Ill. Highland brand, evaporated cream;

Armour & Company, Chicago, Ill. But-ter in tine; silver medal.

Vermont Condensed Milk Co., Rich-mond, Vt. Condensed milk; silver medal.

Maine Condensed Milk Co., Whitefield, glass jars; bronse medal. American Condensed Milk Co., White

field, N. H. Condensed milk in tin

COLLABORATORS. H. B. Gurler, De Kalb, Ill. Exhibit with Department of Agriculture. For work in city milk supply, Chicago; gold medal. J. H. Campbell, Jersey City, N. J. Nutrium; gold medal. D. H. Burrell, Little Falls, N. Y. Ex-

hibit with Dept. of Agriculture. For new combined churn; silver medal. L. S. Wilder, Springfield, Mass. Exhibit with Department of Agriculture. Elec-trical attachment and indicator for incubators, etc.; silver medal. IN TEMPORARY EXHIBIT: CREAM-

> ERY BUTTER. uel Haugdahl, New Sweden, Minn.

grand prix.

Albert Lea Dairy Association, Albert

Albert Lea Dairy Association, Albert Lea, Minn.; gold medal.
Iowa Agricultural College, Ames, Ia.; gold medal.
Hampton Co-Operative Creamery Assn., Easthampton, Mass.; gold medal.
Aage Vind, Litchfield Creamery, Minn.; gold medal. Cornish Creamery Co., Cornish Flat, N.

H.: gold medal.

H.; gold medal.
F. W. Culbertson, Pine Tree Creamery
Co., Sherman Milis, Me.; gold medal.
W. I. Noyes, Moland, Minn.; gold medal.
Eigin Creamery Co., O. Sands, Pres.;
Chicago, Ill.; silver medal.
Walter M. Cushman, Bridgewater Hills
Creamery, Conn.; silver, medal.

Creamery, Conn.; silver medal. C. C. Lawless, Montpelier, Vt.; silver medal.

Rockdale Creamery, N. Y. (N. Y. State
Commission.) Bilver medal.

Rosemary Creamery, N. Y. (N. Y. State
Commission.) Bilver medal.

R. H. Bent, N. Y. (N. Y. State Commis-

La Grange Creamery, La Grange, Ga.; H. T. Sondergaard, Litchfield Creamery,

Montague Co-Operative Creamery Assn., Montague, Mass.; silver medal. Vernon Creamery Co., Rockville, Conn.

silver medal. Wells River Creamery, Wells River, Vt. silver medal. Silver Lake Co-Operative Creamery,

Silver Lake Co-Operative Creamery, Scandinavia, Wis.; silver medal. H. A. Shellenberger, Chesterfield Cream-ery, Mich.; silver medal. Foster's Creamery Association, C. J. Bang, Frost, Minn.; silver medal. M. Sondergaard, Casey, Minn.; silver

Hoard's Creameries, Ft. Atkinson, Wis.;

Bark River Cheese Co., Hebron, Wis.; Bark River Cheese Co., Rebron, W.S., silver medal.
W. D. Saunders, V. P. I. Croamery,
Blacksburg, Va.; silver medal.
F. S. Rembe, Smith Creek Creamery,
Vega, S. D.; silver medal.
J. K. Bennett, Clinton Falls, Minn.; sil-

ver medal.

W. A. Carpenter, South Platte, Creameries, York, Neb.; silver medal.

Ivan C. Weld, Sanborn Creamery,
Leavitts Hill, N. H.; bronze medal.

Rosedale Creamery, N. Y. (N. Y. State Commission.) Bronze medal. Henry Eibert, Otisco, N. Y.; brenz Spring Brook Creamery, Chicago, Ill.;

Oscar W. Reed, Lebanon, Ohio; bronze medal.

Y.; gold medal. gold medal.

Meridale Farm, N. Y. (N. Y. State Commission.) Silver medal. Mrs. C. H. Robbins, La Belle Jersey

Dairy, St. Charles, Minn.; silver medal. Walter Mitchener, Glenhall, Pa.; silver H. H. Leach, Upland Farm, North Brookfield, Mass.; silver medal. Mrs. J. R. Miller, Ryegate, Vt.; bronze

Mrs. Carrie J. Nelson, Hillside Dairy

W. A. Freeman, N. Y. (N. Y. State Commission.) Gold medal. Milton Fassett, N. Y. (N. Y. State Com-

Wm. A. Lawrence & Son, Chester, N. Beatrice Creamery Co., Lincoln, Neb.;

Lewis Ladrach, Ragersville, Ohio; silver P. McDonough & Son, Hinesburg, Vt.;

silver medal.

D. A. Goodrich, N. Y. (N. Y. State Commission.) Silver medal.

W. W. Hall, N. Y. (N. Y. State Com-Rodhes Babcock, N. Y. (N. Y. State ion.) Bilver

Commission.) Silver medal.
F. P. Dunaway, N. Y. (N. Y. State Commission.) Silver medal.
Robert L. Norton, N. Y. (N. Y. State Commission.) Silver medal.
F. E. Dawley, N. Y. (N. Y. State Comnission.) Silver medal. A. & H. E. Cook, N. Y. (N. Y. Stat

MILK AND CREAM.

BUTTER GRANULES.

Vermont Farm Machine Co., Bellows Falls, Vt. Manufacturers of cream sep-arator; gold medal. P. M. Sharples, West Chester, Pa.; gold

appliances, viz.: 1 model of Boyd cream ripening-vat; silver medal.

The Dairymen's Supply Co., Philadel-

The Star Milk Cooler Co., Haddonfield, N. J. Milk cooler, bottling machine, ster-

medal.

bronze medal.

Cal. Portable Babcock milk tester; but

hiry glassware; honorable mention.

Moseley & Stoddard Mfg. Co., Rutland Moseley & Stoddard Mfg. Co., Rutland Vt. Dairy appliances; pyramidica strainer, hand printers, etc.; honorabl

We have just received from the Union Pacific Kailroad a beautiful publication containing forty colored views of scenery between the Missouri River and California. This is one of the most artistic publications ever issued by any railroad company. The same will be mailed free on receipt of 4 cents in stamps for postage, on application to J. F. Agiar, General Carlos and California Carlos Thomas Williams, New York. Dairy appliances; jackets for milk cans-felt

Stephen Francisco, Fairfield Dairy Co. Montclair, N. J.; gold medal. Charles Cabanne, St. Louis Dairy Co., St. Louis, Mo. Plant, equipment and work of a city milk supply company; gold

medal. John Boyd, Cornish & Co., St. Paul Minn.; silver medal. George R. Maloney, Dairymen's Supply

George R. Maioney, Darrines a Supply Co., Philadelphia; sliver medal. S. M. Heulings, Star Milk Cooler Co., Haddonfield, N. J.; bronze medal. Edgar W. Blesecker, with J. S. Bieseck-er, New York; bronze medal. E. L. Bentley, with J. S. Biesecker; New York; bronze medal.

SCRUB AND DAIRY CATTLE.

The scrub and dairy cow are produc

medal.

Wm. V. Beach, Charlotte, Vt.; bronze
medal.

H. N. Slater, Fairmount, Minn.; bronze
medal.

Ohio: hronze

every pound of food given a cow is wasted.

They seem to think (but they really never
think, only act), as if a dairy cow idd not
need anything more than a life ration
and no shelter better than the shadow of every pound of food given a cow is wasted straw stack or a rail fence.

Deerfoot Farm Dairy, Southboro, Mass.; gold medal.

Monadnock Farms, Monadnock, N. H.; silver medal.

John R. Candon, Pittsford, Vt.; silver medal.

Benj, Sharples, West Chester, Pa.; silver medal.

Benj, Sharples, West Chester, Pa.; silver medal.

SANITARY FOOD FOR COWS.

If the cow has a tendency to b pated, increase the proportion of oil mei in her ration. If her bowels become to ose, decrease the oil meal and increa the bran. If the cows have a tende the bran. If the cows have a tendency to put on too much flesh, decrease the cornmeal or discard it altogether. If she gets too thin, give her more cornmeal and less of the other foods. If straw and corn fodder are high, limit the feed to eight or ten pounds a day. If these rough foods are cheap, give 20 to 25 pounds a day to each cow and use what is uneaten for bedding.

ATLANTED New York. ULSTER SHIPMAN

RED SEAL JOHN T. LEWIS & BROS O BALEM

have thousands of reliable testim

file from farmers, stating that Interna-tional Stock Food has cured their hogs of

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satisfactory results or it will not cost the feeder a cent. They guarantee to make

Breed is not so much to be thought of so that the animal conforms to the popular demand for the use it is put to. Every

producer, if he has only cabbages or to

nips or apples or peaches to sell, will su

ceed the best who knows just what kinds

age, on application to J. F. Agiar, General Agent, St. Louis Mo. It is well worth

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are cortain to do in again.

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DON'T ROB YOUR MEIGHBOR

By buying a poor fence that will let your stock fatten on his crops. The KITSELMAN FENCE is a satisfac-tory one. It insures good sleep and makes good neighbors.

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For Sale 320 Acres

FARMS FOR SALE or exchange in In., Neb Minn. or S. D. J. Mulhall. Sloux City, L

good springs; rich soil; would make good sheep or hog ranch. Price \$3 per acre. Ad-C. M. WELSH, 843 New St., Springfield, Mo.

Commission.) Silver medal. F. X. Baumert, N. Y. (N. Y. State Commission.) Silver medal.

Richardson, Beebe & Co., N. Y. (N. Y. State Commission.) Silver medal.

Briarcliff Farms, Briarcliff Manor, N. Y.; gold medal. H. B. Gurier, De Kalb, Ill.; silver medal.

Montague Co-Operative Creamery As Montague, Mass.; bronze medal. GROUP VIL, CLASS 37.

The Dairymen's Supply Co., Prinader-phia, Pa. Butter press and printer, hand butter printer, strainer, etc.; silver medal. The Eigin Manufacturing Co., Eigin, Ill. Babcock milk tester; the "Squeezer" com-bined churn, etc.; silver medal.

N. J. Milk cooler, bottling machine, sterilising chest, etc.; silver medal.
C. L. Fitch, Fort Atkinson, Wis. Scale for butter coloring system; silver medal.
Cornish, Curtis & Green Mfg. Co., Ft. Atkinson, Wis. Model of an American creamery, fully equipped; silver medal.
American Separator Co., Bainbridge, N. Patry appliances, vis.; 1 cream senartional Stock Food has cured their nogs of choiers, that it has prevented choiers and made them a large extra profit in growins and fattening hogs. The testimonials also state that it pays a big profit when fee to horses, cattle or sheep. Every pound Y. Dairy appliances, vis.: 1 cream separ-

Aspinwall Manufacturing Co., Jackson, Mich. Dairy appliances, vis.: 1 churn; bronze medal. J. S. Biesecker, New York. Milk bottler, jar washer, shipping cans, bottles, etc.

bronze medal.

Buhl Stamping Co., Detroit, Mich.
Dairy appliances, viz.: Milk cans and
models of cans; bronze medal.

J. F. Johnson & Co., Racine, Wis. Dairy
appliances; 1 anti-dirt milk pall; bronze

SOUVENIR VIEWS EN ROUTE TO CALIFORNIA VIA UNION PA-CIFIC RAILROAD. ter molder and cutter; bronse medal. Emil Greiner, New York. Milk tests and

While Wire is Down L. B. Robertson, Receiver, PAGE WOVEN WIRE PENCE CO., ADRIAN, MICH Greiner, with Emil Greine YOU CERTAINLY WILL

New York; bronze medal.

bronze medal.
Franklin County Creamery Assn.; St.
Albans, Vt.; bronze medal.
Farmers' Co-Operative Creamery Assn., Collins, Iowa; bronze medal.
H. J. Evans, Humboldt, Iawo; bronze shelter as possible. These men act as if

DAIRY BUTTER.

Briarcliff Farms, Briarcliff Manor, N.
Y.; gold medal.

Deerfoot Farm Dairy, Southboro, Mass.;
gold medal. The aim of the men who made and the

wages working on the naives. John saide, we have 20 head of eight and 18-months-old Jersey helfers running night and day on 16 acres of second growth sorghum, besides at many times several of our mature cows get into it owing to poor fence, and not a case of off feed. We have had 20 years of just such experience in many states.

Our sorghum field from which we solled our cows and cut over 150 tons of ensilage thas made a wonderful second growth. It is now seven feet high and fully headed out. We will cut it as soon as there is danger of frost, using the corn binder.

THE HORSE STOCK at Cedar Hill is being feed daily the following: Corn fodder are high. Imitted bathy for the pounds a day. If these rough foods are cheap, give 20 to 25 pounds a fancy cheese, etc.; gold medal.

Alvah L. Reynolds, New York, N. Y.; gold medal.

A. D. DeLand, Sheboygan, Wis. Cheese; g

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> The only paint that presents a perfect surface after long exposure, without special preparation, is Pure White Lead. Employ a practical painter to apply it and the result will please you.

FREE For colors use National Lead Company's Pure White Lead Tinting Colors. Any shade desired is readily ing samples of Colors, also, pamphiet entitled "Uncle Sam's Experience With Paints" forwarded upon application.

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The INTERNATIONAL FOOD CO., RURAL WORLD who state themselve be such and asking for the book and who ANSWER THE FOUR QUESTIONS asked in the advertisement. The book question is full of colored plates of faquestion is full of colored plates of ram-ous horses, cattle, sheep and hogs, and is by all odds one of the handsomest things of the kind we have ever seen. While, or course, the company has published the book to disseminate information concern-tion, their "Internetical Stuck Food". pasaasaasaasaasaasa STEEL THE ONLY TOOLS YOU NEED. ing their "International Stock Food," is a work of beauty and value well worth is a work of beauty and value well worth going to considerable trouble to secure. The International Food Company employ over 199 people and occupy 15 floors, size 22x100 feet each, in addition to their large printing department. They are so crowded for room that they are figuring NEED. on a large four-story addition. on a large four-story addition. Since organising this business ten years ago, every year has shown an extraordinary increase over the preceding year. They have the largest stock food business in the world and run their own engraving and lithographing department. They BRAND NEW STEEL ROOFING Bought as Recoiver Sales, aboets either uncorrugated or "V" orimped.

Price per square of Fa 10 fees

No other tool than a hatches or hammer is required to lay this roofing. We furnish FREE
with each order smilliont paint to cover, and
with each order smillion trains to cover, and



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Read "The Corn Belt," a handsome monthly paper, beautifully illustrated, containing exact and truthful informa-tion about farm lands in the West. Send 25 cests in postage stamps for a year's subscription to Tax Coan Bell., 200 Adams St., Chicago.

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FARM FOR RENT-300 acres near Granite City, ills. W. M. Horton. Fullerton Bidg., St. Louis. KELLY & TANEYHILL, Waterloo. BED-WETTING A. P. L. Den Mondarion. ID WANTED-A good Dairy Man needed at Once Wages good Box St. Sedalia. Mo.

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wire 460.

Comfort me with apples!
For lo, I am sick, I am sad and opprest;
I come back to the place where, a child, I
was blest,
Hope is false, love is vain, for the old

things I sigh;
And if these cannot comfort me, then I must die!

Comfort me with apples!

PHOEBE CARY. FRUIT AT THE ST. LOUIS FAIR.

And a financial control of ALT (Control of ALT



Mundi, and now has fruit on it, but none nearly so large as the specimen sent me. I would give \$10 if this tree were a Jonathan, and if my recent fail has not crippled me for life, I may graft it over.

Size is all the Glori Mundi has to recom-

COMFORT ME WITH APPLES.
Comfort me with applies!
Comfort me with applies in the control of the c be and Mr. Miller were acquainted. No identified by the course, he stayed—and a night and a morning we had of it I took him to town and we measured off the grounds, and I afterwards did the planting. Just before parting, I asked him if I might not have lead it out for him. "Yes," said he, "just as well, but Mr. C.— would not have been so well satisfied. Then, I would not have here is with expenses paid."

"Or I the pleasure of your company." the said I. My bill for trees and plants amounted to double what the plan cost. I would not have been so well satisfied. Then, I would not have the is with expenses paid."

We parted there, never to meet again on earth; but have corresponded from time to time ever since. If there was anything in his department that was for distribution, I had but to ask for it, and it would be come.

Now he has been gathered to his Father, his name enrolled on the departed list with the part of the state.

Nelson of Lebanon was appointed by Governor Stephens as Commissioner of Horticulture for Missouri, to have charge of all fruit exhibited from our state at the Pan-American Exposition. With this authority he has appointed as his assistants a list of the good fruit men of the state and will expect each to work up an exhibit for his particular county. If each one will do his part well, we shall have the best show of fruits we have ever made.

THE PARIS EXHIBIT has been a very satisfactory one; we have aiready taken eight first prizes and expect to be awarded two more on the last two shipments we made of about ten barrels each. This display has done much to bring Missouri sould be good.

If the bees are content with their surroundings they will remain quiet, and you may conclude the temperature of the

The Rpiary.

We Can't Give Away Anythin You pay for what you get in this world. You understand that. But as a business proposition we want you to try our great medicine for Indigestion. Constipation Biliousness, Sick Headache, Insomnia, "the Blues," and like complaints— We know you won't buy it, until you know something about it. The best way to get you to know how good it is, is to let you try it. That's what we do. Send Stamp for "Health" booklet, and we will send you a free sample package, that you may try it yourself. We know you will always keep it in the house, if you once try it. What fairer offer could we make? At all Druggists—10 and 25 cents. At all Druggists—10 and 25 cents. Handsome FREE I If, instead of sending for a sample, you send us 25c we will send you "Health" booklet, a 25c box and a handsome gold stuck-pin, set with emeral, thuy or pear, warranted to be worth double the money. Order by number. This is an extra introductory offer. Only one pin to no person. If unsatisfactory, money returned. Send now whils the offer is good.

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SEEDS THE ALBERT DICKINSON CO. GRASS SEEDS, CLOVERS, FLAX SEED, LAWN GRASS, SEANS, PEAS, POP CORN, SIRD SEEDS, SUCKWHEAT, BASS, ETC.
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WHEAT, AMBER AND BEARDED. CHAS. E. PRUNTY, Main and Market Sts., St. Louis.

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Is our DAISY FERTILIZER, and it is also the cheapest. A Natural Pertiliser and crop producer, giving best and surest field results. Field results are what farmers want. For Corn and Garden Track our BROADAX BRAND has no equal. All in 100 lbs bags. Send for prices.

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WE WANT 10,000 CORN HUSKERS

To send \$1.10 and get one of our outfits. It contains 12 pairs of 8-oz Canton Flannel Mistens, I four Coubination Shucking Peg, I Leather Wrist Band, and one pound can of "Giore and Mitten Paint." Address, S. G.ALBRAITH, Verment, Illinois.



SNAPS Five Cars of Air-Tight Heaters just received. We are going to sell them to make a record for curseives at the following extensive and fo

WHITMAN'S MONARCH FEED MILL
with Steel Grinders and Force Feed, the most rapid
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Young America Mill. The above are guaranteed to
grind faster than GEARED MILLS, rou with same
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Put line of BALING PRESSER, MOSE POWERS, GRAIN DRILLS, CORN
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Attention, Grangers! STAPK-TREES SUCCEED WHERE Largest Numery. OTHERS FAIL.

Fruit Blook Fore. Result of th year's experience.

STARK BROS. Louisiana, Ho.; Dansville, N.Y.

Anyone wishing to reorganise the Grange in his section of the State should notify the undersigned or Coi. G. W. Waters, Canton. Mo., and satisfactory arrangements will be made to assist him in the work. C. O. BAINE, Master State Grang.

Benjamin, Missouri.

THE CARNOE CO. Set 781. Le Grange. III.

Refer to State Bank, Ledrange.

CVENY SMOKEE should try the Carlon Tobacco Smoking Pipe, the only anti-nicotine pipe made. Patented, Ank your design for it, or seniffer for 25c. O. C. BUGS. 35c. N. 18th St., St. Louis. Reference: Any wholesake drug house in St. Louis.

HAT BLEACH.

You can bleach your old sun-burned has to look like new at a cost of less than 4 ots Send 25 cents for package of "JAVELLA" containing snough to bleach seven nats. Address WHITE BLEACH CO., 80 and a, Mo.

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PEACH TREES. 1 yr. from bud 2 to 4 cts each

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R. S. JOHNSTON, BOX 19, Stockley, Del-

Live Stock.

Dec. 11 and 12.—K. B. Armour and J. A. Funkhouser, at Kansas City, Mo. Herefords.

Feb. 6.—F. W. and O. B. Cain, Novinge Mo. Sale at Kansas City. Shorthorn Feb. 14.—Ed. Burroughs, El Paso, Ill. Po-land-Chinas. March 5, 1901.—T. J. Wornell, Mosby, Mo.
Shorthorns, Kansas City, Mo.
March 6.—Abe Reneck, Winchester, Ky.,
and E. K. Thomas, North Middletown,
Ky. Sale at Kansas City. Shorthorns.

HEREFORD SALE DATES AT KANSAS

Jan. 15-16.-Gudgell & Simpson. Herefords. Feb. 7.—Steel Bros. and Eagle & Son.

Herefords. Feb. 8.—N. E. Mosier and H. C. Taylor Feb. 24-March 1.-C. A. Stannard and others. Herefords.

April 2-3.-Colin Cameron. Herefords. Feb. 17-22.-Armour and others. Here-

The great Shorthorn-Hereford show sale is now in progress at Kansas City. The show began Monday of this week. On Thursday, Friday and Saturday of this eek 150 head of Shorthorns, the pick of the best herds in the country, will be sold t auction and during the five days, be-inning Monday, October 22, 250 Herefords of cattle are entered in the show in com petition for cash premiums totaling \$25, 000, is sufficient proof that they will be

THE HEROINES IN THE ELLIOTT ANGUS SALE, OCTOBER 31.

As a producer of high-class Angus cattle from the standpoint of both numbers and quality, Mr. Hugh W. Elliott of Estil, Howard County, Mo., is entitled to pre-eminence among all of America's breeders. His grandest results have achieved by crossing the famous Pride bull Polar Star on the highly finished show yard Heroines. He includes 18 of this show yard Heroines. He includes is of this grand family in his sale at Kansas City October 31, and a brief review of them should prove interesting at this time. It will be remembered that last year Mr. Elliott sold at Kansas City the Heroine can of Poles Star. Major Star. to head

renowned herd of Messrs. D. Brad fute & Son, Cedarville, Ohio, and that the entries for the forthcoming sale are prothers and sisters in blood to He's-abrothers and sisters in blood to He's-a-star. Mr. Elliott now designates the heifer Haldine No. 1 of his catalog as the best Heroine he has ever bred. She has the solid back and even fiesh that show-men sigh for, and her sister, Hoping, was said to Palmer & Palmer for the highest Star. Mr. Elliott now designates the heifer Haldine No. 1 of his catalog as the best Heroine he has ever bred. She has the solid back and even fisch that showmen sigh for, and her sister, Hoping, was role paid for an Angus female in 1888, and another sister, High School, was the record highest prices from the future for cattle and more prices for the high-quality meats come from pure bred and grade stock. The increasing prices for the high-quality meats indicate that the money in the future for cattle state Fair has always been very large, and this year was no exception to the future for cattle state. nd highest priced female sold in Mi second highest priced female sold in Mr. Elliott's 1899 sale. Haldine, with all her goodness, is not an outstanding helfer among the Heroines in this sale. Haughty is of truly wonderful type and character. She has a beautiful head, short legs and excellent length of body, and Havana, with her grandly sprung ribs, superior front and finish, is also a candidate for front and finish, is also a candidate for highest honors. The bull, Hostage, is a calf of spiendid promise, both as a show ding animal, and the heifer, High Time, is of such scale and conformation that she should make a "hot time" when

that sale should make a not time water led into the sale ring.

The bull, Hargadine, and heifer, Harmonious, are sappy, thick and of genuine Heroine character. And the entire Heroine character. ine consignment adds only greater l to this now justly famous family. It will pay any Angus breeder or student of blood lines to go to Kansas City and see them

Mr. Elliott also includes superior Prides Ericas, Duchesses, Jennets, Minas and

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We offer One Hundred Dollars Reward for any cause of Catarrh that cannot be cured by Hall's Catarrh Cure.
F. J. CHENEY & CO.,
We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by their firm.

Wholesale Druggists, Toledo, O. WALDING, KINNAN & MARVIN,
Wholesale Druggists, Toledo, O. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system. Price, 75c per bottle. Sold by all Druggists.

Testimonials free.

Hall's Family Pills are the best.

PASTURING STOCK IN CORNFIELDS.

It is a practice of a large majority of farmers in the western states to husk farmers in the western states to husk out their corn as early as it will do to crib, and then turn in the young stock to gather up all the fodder possible before

would have occurred. The owners of the stock would, of course, firmly maintain that everything possible had been done to prevent a sudden change; dry food had nat everything possible had been done to orevent a sudden change; dry food had been liberally fed for some time, water urnished in abundance, salt within reach, itc., but we know only too well that in-

once a day in the evening; the soaking thus keeping the animal in thrifty condition. Corn fodder prepares the way for the stalk field, and if fed liberally fer some time before cattle are allowed in the stalk field there is little danger to be feared. In the absence of corn fodder, hay, sheaf oats or other dry food should be fed for some time before cattle are allowed in the stalkfield, and salt should be within reach at all times, also an abundance of pure water. When cattle are admitted to the cornstalk field one hour should be the limit at first, gradually Live stock men all the country over are

a great measure prevented.'

sion had the effect of checking the breeding of cattle of all kinds and the number of cattle in the country fell steadily for The announcement is made that J. D. El of course, according to the prices, except when poor meat is dishonestly palmed of poor meat is dishonestly passing customer for high-quality meat merence in prices indicates that the ness of breeding good cattle because there was a temporary fall in the values, should

In the Red Foiled class Andrew Brow, ness of breeding good cattle because there or was a temporary fall in the values, should be controlled the cattle.

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In the Red Foiled class Andrew Brow, as a temporary fall in the value for fall the price. In the Red Foiled to the Company of the Red Foiled to the Red Foiled to

not already on fred. The method of starting will depend upon the kind of feed on hand. Co:n fodder constitutes one of the best and safest feeds for starting a bunch of fattening steers. Next to that I would advise snapped corn. By all means feed moderately at first in order that derangement of digestion may be avoided. At the same time feed liberally enough to produce satisfactory gain. Do not give the steers all they will eat under two or three \$888.111 per head. If any one can match. steers all they will eat under two or three steers all they will be steered al steers all they will eat under two or three months. Good gains can be more eco-nomically obtained by a moderate allow-ance of grain at the beginning. I would not advise getting the steers up to more than about half feed before turning out stead of holding themselves to a stead of the learning to find than about half feed before turning out than about half feed before turning out on to grass; then soaked shelled corn to grass; then soaked shelled corn ach and other digestive organs may receive no sudden shock, but be slowly prespective no sudden shock and should be made gradually. The state of the steers up to mot advise getting the steers up to mot advise once a day in the evening; the soaking should be done twelve hours before feed-

our should be the limit at first, gradually | Live stock men all the country over are Increasing the time for a week or ten days. But when out of the field the rest of the day and night, they should not be confined to a bare pasture or yard, deprived of food, as is too often the case, and then admitted in a weak and half-starved condition; but they should be liberally fed when out of the stalkfield, and duly watered before entering, and when this is done the risk from loss is in predecesors all over the world is a imincreasing the time for a week or ten watching with interest the arrangement when this is done the risk from loss is in predecessors all over the world is as im when this is done the risk from loss is in a great measure prevented."

OUTLOOK FOR CATTLE PRICES.

For many years to come the prices of cattle must be good, especially for the better class of ment. The recent depression and only those features which stand for more respectively. improving live stock are to be entered for the benefit and pleasure of visitors. a number of years, says the "Farmers" lis, the famous British stockbreeder of Record." The result of that curtailment of the cattle supply is that the base on which to produce the vast numbers now annually required is restricted. There is another factor that enters very largely lits the solution of the problems and that a supply supply and the supply another factor that enters very largely into the solution of the problem and that is that the people are demanding more than ever a finer quality of beef. There was probably never a time when the difference between the poorest and best meats in the markets was so great as it is to-day. So it comes about that in the city of Chicago one can get porterhouse steak at 25 cents a pound, or at 12 cents a pound, and at all prices between the two. The quality of the steaks varies, of course, according to the prices, except lately quenched. The importance of this ately quenched. The importance of this precaution cannot be overestimated. The

rule. Springfield has been the battle field suredly that man that is doing his beet to grade up his herd of cattle is paving the way for good money returns in the future. The experience of the past few years, when men rushed out of the business of breeding good cattle because there. Cedarville. O. wars early the area of 114.42 per hea Cedarville, O., were again the successful

THE GREAT LIVE STOCK SHOW.

District Stocks

It is a president of a large majority of the mischiff the past airs weeke given welches that they will not do much long-time feed in the path of the week given welches that they will not do much long-time feed in the path of the week given welches that they will not do much long-time feed in the path of the week given welches that they will not do much long-time feed in the path of the week given welches that they will not do much long-time feed in the path of the

25. G. H. Little, Neoga, Ill..... 27. S. H. Farein, Fairmount, Ill.....

Havans. B. Sotham

Fifty-nine head brought \$8,580, an aver

age of \$145.42 per head.

bulk at \$3.00 to \$3.60, and the quality was fair; stock helfers full range \$2.25 to \$3.55 and the bulk at \$2.75 to \$3.25. Fancy native helfers sell at \$4.75 to \$5.15, and there were very few on the market; choice nativ heifers sell at \$4.25 to \$4.65; good nativ ### 111 per head. If any one can match to beat it, we want him to show upcking City (Mo.) Chronicle.

THE PONTING & SON'S SALE of Hereford cattle and horses came off as advertised on October 10-11. The weather was fine, the attendance good and the sails attisfactory from start to finish. was fine, the attendance good and the sale satisfactory from start to finish. There were no sensational prices, but, \$5.75 to \$4.75 per 100 pounds. Heretics and like the offerings, the prices were very uniform. The horses sold consisted of pounds with the bulk at \$2.00 to \$4.00. Bulls, marched teams, single drivers, brood mares, foals and yearlings, and teams of matched teams, single drivers, brood mares, foals and yearlings, and teams of \$1.00. Stocker bulks sold at \$2.75 to \$3.50. Stocker bulks sold at \$2.75 to \$3.50. Bulks of \$3.50.

it. Shoats weighing from 100 to 125 pounds
make a desirable size for following cattle.

I would advise the use of lump rock salt
while the cattle are on pasture.

S. J. H. Godman, Wabash, Ind. \$100
S. S. H. Forummond, Old Orchard, Mo.\$100
S. J. T. Drummond, Old Orchard, Mo.\$1 \$105 \$2.50 to \$2.75 per cwt., steers and oxen \$2.9 .\$ 80 to \$3.75, cows and heifers \$2.00 to \$3.15, bulls

.\$115 HOGS-Tuesday market opened slow ..\$130 with moderate run, early market quoted ...\$360 5c lower, later 5 to 10c lower, bulk selling F. B. Sotham, Chillicothe, Mo...155

F. B. Sotham, Chillicothe, Mo...155

F. B. Sotham, Chillicothe, Mo...159

loads of very fine Iowa and Missouri hogs ..\$145 selling at \$5.27%. Thursday, arrivals mod-.\$150 erate, opened dull, continued slow, gen-.\$150 erally 5c lower, bulk selling at \$5.00 to eraily be lower, bulk seiling at \$6.00 to \$5.15. Friday, receipts moderate, market steady at Thursday's prices. Saturday, light run, market 5c lower, butchers paid \$5.15 for choice hogs. Range of prices as follows: Butchers and packers \$5.00 to ..\$125 \$5.15, Yorkers and shippers \$4.80 to \$5.00, ..\$135 heavy pigs \$4.70 to \$4.90, light pigs \$3.75 to ..\$225 \$4.00, rough heavies \$4.25 to \$4.75.

SHEEP-Receipts of both sheep and lambs were moderate, sheep selling about steady with Monday's prices. Under light receipts Tuesday the lamb market adreceipts Tuesday the lamb market ad-#185 vanced 15c per cwt, but declined Wednes-#180 day to the extent of Tuesday's advance. #180 floper cwt. after which the market re-#1810 loper cwt. after which the market re-#1810 mained steady the balance of the week. \$105 \$5.00 to \$5.25, best sheep \$5.85 to \$4.00, best bucks \$2.50 to \$3.00, stockers \$2.75 to \$3.25. Monday, Oct. 15.—CATTLE—Receipts in the native division were fair for Monday, but no strictly choice were offered for sale. Our market averaged fully 10c lower than the close of last week. Chicago reported 24,000 cattle, and 10c lower. We note from the "Drovers' Journal" that the market was fully 20c lower there at the close of last week than the early sales made Monday. There was also a heavy run at the Western markets, and advices from those points indicate lower prices. Receipts in the Southern Division to-day were liberal and the market 10 lower. sale. Our market averaged fully 10c lower

GREAT ANNUAL AUCTION

OF THE WALNUT GROVE "DODDIE" PRODUCE.

At the New Sale Pavilien



Kansas City, Mo., Wed. Oct. 31, 1900 50 HiGH-CLASS SPECIMENS, 15 bulls and 35 cows and heifers change ownership on this occasion. The offering is chiefly the get of the Great Pride Sire, Folar Star and out of the celebrated Heroine, Erica, Pride, Duchess, Jennet Mina, our Dimple dams so long maintained at Walnut Grove. Send for catalogue and attend this great sale.

HUGH W. ELLIOTT,

ented 1 All new dence m later th J. H. Ste

Horses for each less time

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On the old exp His hor enjoyin dition

the fli pressm brushin Perhap good a street, tented

To requestion breeder more Breede be buy say; "like his will raworth

being is so much."

Hor

BLACKWATER SHORTHORNS! F. M. MARSHAL, Prop., Herd headed by the Cruickshank Bull, Orange Hero, by Godoy. Females are of pure & re Bates, with individual merit the standard. Young stock of both sex for sale.

CRYSTAL SPRINGS SHORTHORNS 13 Yearling Bulls and 15 Yearling Heifers, all reds, for sale, ont of cows of the Kirikerington Acombe, Rose of Sharon, Princese, Braceletts and Goodness families, and sired by Chief Yioleit th 11594, Kirkievington. Duke of Hazelhurst 11th, 13862 and Wooddale Victor 128017. Come and see them, they will bear inspection. Farm Jones town. J. F. TIALEKY, Breckeardige, Mo.

IDLEWILD SHORTHORNS!

Special offering, 20 yearling bulls, 20 yearling beffers. Largest herd in the State and 20 year-principalant covers. Also come Scoth females. The great aire Godoy 15876 in service, note his breeding strength of the State of Sta SHORTHORNS, BERKSHIRES and JACKS.

rthorns Scotch or Scotch Top and Bates mostly. Berkshires best blood in America and Ragiand, ek of all ages and both sex for sale. Call on or address, N. H. GENTHY, SEDALLA, Mo.

CHOICE SHORTHORN BULLS FOR SALE! 13 Scotch and Scotch topped bulls of the low down, blocky type. One is a Cruickshank Orange Blossom, one a Ramsden. Also a few choice heifers not related to bulls. Address, PHRSY SRS2., FAIRMEN STOCK FARM, MARSIS, 88.

SHORTHORN BULLS FOR SALE!

Baron morndale 135,900; Dark Koan or April 20,71396 at 2000, or will trade him for heifers. Also 6-year bulls by Baron Thomdale and out of dams of Easterday and Secret, these strains have been in the hear etnos 1556, and are great milkers. Call on or address.

SHOW CATTLE AT PUBLIC AUCTION!
7 1st, 1 2d and 1 3d on 10 entries at Lincoln, Neb., the get of Imp. Nonpareil Victor 132573 and Grand Victor 115752. 50 head go in my sale DEO,
13, at KANSAS CITY, MO., and these winners are included and the entire
offering are No. 1 cattle. Don't forget the date. SES. SOTHWELL, RETILETON, NO.

YOU CAN PREVENT BLACKLEG

among your cattle by the use of Parke, Davis & Co.'s BLACKLES VACCINE. Every be is tested on cattle and found reliable before a single dose is put on the market. It will prevent BLACKLES if fresh product is used, the same as vaccination prevents Smallpor hat the human family. Operation simple, and easy to perform. Specify P., D. & Co. s, and get the kind that is always reliable. For sale by all druggists. Write us for literature and full information, free on request.

PARKE, DAVIS & COMPANY, Detroit, Michigan. CHES: New York City, Kansas City, Mo., Baltimere, Md., Net Orisans, La., Walkerville, Out., and Montreal, Que.

ST. LOUIS NATIONAL STOCK YARDS. THE LIVE STOCK MARKET OF ST. LOUIS. cated at East St. Louis, directly opposite the city of St. Louis Shippers should see that their stock is billed directly to the National Stock Yards.

Gentry Bros., Sedalia, Mo.



CEDAR VALE STOCK FARM.

Grand Duke of Haselhurst 19666, a sisted by Waterloo Duke of Ceds sted by Waterloo Duke of Cedar ale 133065, and Waterloo Duke of dar Vale 2d 133006 heads our here

80 Young Bulls and Heifers for sale at reasonable prices. Parties met at train. Farm 2 miles out.

"Pasteur Vaccine" SAVES CATTLE FROM **BLACK LEG** BLACKLEGINE."

Pasteur Vaccine Co., chicago.

BRANCHES: St. Paul, Kansas City, Om sha, Pt. Worth, San Franci HEREFORD CATTLE.

8 Hereford bulls, registered. A few choice heifer Write to N. E. MOSHER & SON, Salisbury, Mo.



R. L. HARRIMAN, Live Stock Auctioneer, Bunceton, Me.
SALES made everywher
Lifetime devoted to live six
Up-to-date on every angle
the business. Am selling
best breeders in the coun
Terms low. Write before 6x JAS. W. SPARKS, Live Stock Auctiones? been and am now booked forthe best sales of cattle hope and horses held in America. Terms low.

WEST JONES, LENOX, IOWA, and CAREY M. JONES, DAVENPORT, IA. IOWA'S LAVE STOCK AUCTIONEES.

S. P. EMMONS Combination Shorthorn

Cattle Sale MEXICO, MO., NOV. 15, 1900. The blood of the following great bulls largely teseminated in the offering: Young Abbottsburn, leteria Baron and Scotlands Crown.

SHORTHORN CATTLE, Hogs. Angors Goats, Light Brahms and sabright chickens. Stock and eggs for e. Call on or address
J. J. LITTRELL, Sturgeon, Mo.

ENGLISHED POLLED CATTLE fine stock. FF Your orders solicited.
L. K. HASEL/FINE, Derokester, Green Co., Mo.

JOHN MORRIS, CHILLICOTHE, MO.



, 1900

Ргор.,

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Ingland. Mo.

One helf-t, se.

E! 6-year he herd , Ill.

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TLE , Mo.





COLMAND BUILDAY WORLD. OCTOMBE 17. BOW.

STORESMEND

S



Home Circle.

HEARTSEASE.

A cheery, little pansy face ent low its head in humble grace, Bent low its nead in number grace,
And smiled at me from out a vase,
Plucked from its plant no more to grow
Its life-tide now was ebbing low,
I wondered at it smiling so,
With death so near.

My thought the Heartsease did divine, Her smiling eyes looked into mine, In her soft tones naught of repine. "I live sweet joy to others give, And that is why I always smile Because 'tis such a little while That I am here."

"A little while," aye, that is life A few, short years we spend, all rife With joy and sorrow, care and strife And, like the Heartsease, we, too, find, It is true living to be kind, And smiles, if illy blows the wind,

Its course will veer.

—Frances P. Carson

Written for the RURAL WORLD.

Will you let an old friend co your precincts "en masque" a la Claude Duval? I want to tell some "tales out of school," and if the other boys and girls knew who told them I might get a lick-

than four consecutive weeks in a large and the flowers than city, although during college days a year the din of the city. and a half was spent in a town of 3,000.

A few weeks ago an invitation was accepted to visit the family of a high official of one of the greatest cities in the world. My friend, the head of this family, receives a salary of more than one thou-sand dollars a month, owns his own hand-some home, and at the end of the year

ed the princely salary. When I obmust and will treat you as well as I would the President; and I have just one way of doing things; when I come to see you, you will hitch up your buggy and show me all the country round you." So I will, but it won't cost me #0 a day to do it.

The five or six days spent with this friend were a constant round of gayetypleasure-dissipation-call it what you please; and while I shall ever be glad to

rorts of life, and such comforts of the quality to be bought in a city market. There were two orphan girls in this home, the mother having died some years ago, and the lack of her training showed itself plainly in the management of the household. With company, such as much be

buggy seat was a basket containing come again.
Lebanon, Mo.

URS. WINSLOW'S SOOTHING SYRUP

ken we had for supper was out in the chicken we had to subject was out in the poultry yard is minutes before it was in the frying pan. The wife says the flour is getting low in the barrel; there are 100 bushels of wheat in the barn, our bacon is getting rather old, but we only wait for pol weather to kill a 200-pound hog. We are a little short of milk and butter just now. "Bright" will be fresh in two weeks I put away 25 bushels of potatoes to-day I put away 25 busness or potatoes to-day. There are lots of pumpkins, squashes, sweet potatoes and other vegetables in the smoke house, and turnips, parsnips and cabbage in the garden. There are five big hogs in the pen and a beef animal in the field. Wheters are five to the field of the statement of the statem the field. We are not going to starve, and thousands of farmers all over our proud land are in just the same shape that we the fires, too,

The novelty of a ride in a grand auto e wealth Had to recalled thir where a That he farm horse drew a plain surrey, and upon its seats were a friend, his wife and the They were hard working farm eople like myself, and they were showing people like myser, and they were showing me about a country new to me. There were no rubber tires on the wheels, and no liveried driver; yet there were shaded roads and sincere friendship.

RURAL WORLD friends, this is not a form of the property of the p

fancy sketch. Every character and every incident is true, and although one is naturally inclined not to make the incidents of visits public property, none of the friends mentioned would object to the

friends mentioned would object to the publication of names.

Stay on the farm. There is more pleasure among the crops, the stock, the birds and the flowers than amidst the dust and

We welcome "Farmer" to these columns and having lived in two of the largest and naving lived in two of the targest cities in the Union, and having been reared in one of them, we can appreciate this unveiling of much of city life, which, when stripped of its glitter, will verily show the hard hand of toil.

We also want to say here that J. F. M. should, have also many dependent of the control of

some home, and at the end of the year has in bank-nothing.

It seemed to me a plain case of extravagance; but my friend said, "No, I must maintain the dignity of my office: rank imposes obligations." The theater parties, carriages and automobiles hired by the day, flowers bought by the hundreds, and the dozens of things almost beyond the comprehension of us country folks, absorbed the princely salary. When I obsorbed the princely salary. wife must participate in the discussion, and then each act generously. The seclusion of the farm home is what renders it distasteful, rather than its toil. The true social institute is inherent and must be guilles, willow giens, and half washedjected to the hiring of a carriage to take distasteful, rather than its toil. The true me to some point easily reached by street cars, my host laughed and said that "I fostered, or dissatisfaction will follow must and will treat you as well as I would the President; and I have just one way of contract the president; and I have just one way of most important phase of farm life.

Written for the RURAL WORLD. ECONOMIZING.

Yes, we grow weary of all this term implies, and we do so because we confound a conomy, self-denial and actual scrimping. We think economy only means saving dollars, dimes and cents. Sometimes when misfortune in the guise of debt or protracted illness enters our homes then self-denial and scrimping are the just and only things to exercise. Then, let us do it the most of the might be sure of the most only things to exercise. Then, let us do it the most of the might be sure of the most of the might be sure of Yes, we grow weary of all this term imthink back over the pleasant times we had, I will regret the necessity of such expense, although such matters were self-denial and scrimping are the just and

when having guests and the like, when there will be greater demands on her strength and vitality than ordinarily, and that if she continues to use these up at the continues to use the continues the conti

home. But I will say that none of the ones I did visit, although each was a true friend and was truly sorry when we parted, can as well enjoy life as the family on even a 50-acre farm.

To-day, this October 4, the young folks of this farm went to the county fair, two in the buggy, two in the cart, and the good farm horses drew the vehicles. Under the buggy seat was a basket containing

WE CAN'T DO IT

withslow's Soothing Syrup

been seed for over Sixty Years by

been seed for over Sixty Years by

been seed for over Sixty Years by

control of legitimate homeseckers in this direction.

It is been done by homest state

Cours, Allays all Pain; COURS WITS by

ROMS, and take no other kind.

Scotting Syrup and take no other kind.

Scotting Syrup coulds.

Mo.

she was just a packhorse for him, but he

never understood;
Never thought of bringin' water from the spring down by the lane,
Or of helpin' her to gather in the clos'

before the rain; Let her keep a-waitin' on him, though her back was achin' so—

'Twasn't 'cause he didn't love her-he just didn't think, you know.

Then he went away and married-left her livin' there alone;
'Course his wife she didn't want her—she pansionists.

Daviess Co., Ky.

And to tell the truth. I dunno what there as he didn't de

was he didn't do—
Had to hustle now, I tell you! Got to
thinkin', too, at last
That he might of been a little mite more thoughtful in the past.

After while the weary mother put her

Arter while the weary mother put her burdens all away. And we went and heard the preacher praise the poor old soul one day, And I stood and looked down at her when they pushed the lid aside— Poor old hands! I didn't wonder that her how set there and cried boy sat there and cried

Just as if he couldn't bear it-just as if his heart'd break-He had kind of got to seein' what she suffered for his sake.

There's a lot of kinds of sinnin' that the Good Book tells about— ins concernin' which a body needn't ever be in doubt, But there's one sin that I reckon many a

man who doesn't think man who doesn't think
Will be held to strict account for when he
goes acrost the brink—
Fer the wrong that's done a person by
another's want of thought
Hurts as much as though the injured was
the victim of a plot.

—8. E. Kiser, in Chicago Times-Herald.

Written for the RURAL WORLD AZARIAH HUGGINS' HEN RANCH.

(Second Paper.)

"Where do the hens lay?" That is who out stumps of Neighbor Doan's, foragin out stumps of Neighbor Doan's, foraging for insects, I made sure that they nested there; but Murtilda and I searched washouts, glens and gullies in vain,—no nests, no eggs. An old ramshackie building stood by the roadway at the upper end of Doan's stump field, furnishing the cheap music of creaking boards and groaning timbers with every possing seed.

treated as "matters of course" by my hospitable friends.

Then I was four days at the home of a near relative in the suburbs of the same relative in the suburbs of the same relative in the suburbs of the same as a set be pennies by wasting pounds of human flesh, and nerve force and instimate was a successive for a railroad company and is away from home just half of his time. He has had his present job 18 years at a salary of just as much money per year as the city official gets in one month; he lives in a pleasant second-floor flat of ix rooms, for which he pays \$17 per month.

There could be no extravagance about this house, nothing but plenty of the comforts of iffe, and such comforts of the railroad comforts of iffe, and such comforts of the matter by the most of iffe, and such comforts of the multiple of the comforts of iffe, and such comforts of the multiple in the bluested by the such as harvesting or threshing times, or when having guests and the like, when the most of the greater demands on her strength and vitality than ordinarily, and said lone day as I donned an old huntiple of the complete of the railroad company is the such as harvesting or threshing times, or when having guests and the like, when the most of the greater demands on her strength and vitality than ordinarily, and said lone day as I donned an old huntiple of the complete of the railroad company is the paying the source of the railroad company and is away from home just half observed as the pennies by wasting pounds of human flesh, and nerve force and instance in such though a half dozen of our Ply-wide with sort of sullivative for guilty air. Every sort of a likely place we searched; wife, who is small, crawling in between the inside walls and weather boarding, coming out with rents in her garments, but not of a platform on the ground floor lightly covered with loose slats on slender rails, and the provided which is the paying up the surface of the

and the confidence of the house, an agreement of the house, seemes such as much of these in trying are as that if the compose such as much of these in trying are as the seemes and a much of the compose and a sum of the seemes and a much of the compose and a sum of the seemes and a much of the compose and a sum of the seemes and a sum of the went down and found on the extreme edge of the platform four eggs. Instantly this problem in proportion came to me: If 45 hens lay four eggs in one day, how many hens will it take to lay 46 eggs in the same length of time. Letting the problem pass unsolved, I fumbled about the platform, finding it a loose cover over an old well hole. Had the eggs slipped through the slats? I kicked off every loose thing and peered down within. Something like a black sheet seemed to flap in the wind as the air struck it from above. Intently gazing I finally detected an old windlass and cable. Cobwebs thick and deep stretched across, hung pendant, or angled to every conceivable point of compass.

Slipping down I grasped the cable, and gradually let myself down to the bottom. "What do you think I found?" Having left my rabbit above, formore that the should not overlook the at-

rch for me; finding me cobwebb

from head to heels.

"In the hen's nest," said I.

"Well. I do know," said she, as she fingered a cobwebbed egg, slowly disrobing it. Then she shook it at her ear, and then telescoping it in her hand toward the light, pronounced it fresh. She then got a large basket and loading in our rabbit and 408 eggs, we went jubliantly homeward. We had reached the profits. So as to have full control, the next day So as to have full control, the next day I leased the stump field and the old building cheaply. More experiences may appear in another paper. From the way they nest, I call these fowls of mine expansionists.

C. R. DAVIDSON.
Daviess Co. Ky.

BOYS, REMEMBER THIS.

Benator Chauncey M. Depew recently declared: "Twenty-five years ago I knew every man, woman and child in Peekskill. It has been a study to mark boys who started in every grade of life with myself to see what has become of them. It is remarkable that every one of those who drank is dead; not one living of my own age. Barring a few who were taken off by sickness, every one that proved a wreck and wrecked his family, did it from rum, and no other cause. Of those who were church-going people, steady and industrious, every one of them, without an exception, owns the house in which he lives." The man of God, like Napoleon's guards, does not know how to surrender.

BRIEF HINTS FOR BRICHT GIDES

EXPERIENCE WITH LANGSHANS.

Editor RURAL WORLD: Several have weakness of all parts of the fowl and death comes sure and soon.

The best preventive I know of is to keep such places healthful. By no means allow any dead animal matter to be left lying about, and especially in warm weather. Bury everything of the kind and bury it deep. I have had our flocks cleaned up with cholera some two three times, just as our friend above of them, without an exception, owns the house in which he lives." The man of God, like Napoleon's guards, does not know how to surrender.

BRIEF HINTS FOR BRICHT GIDES

BERIEF HINTS FOR BRICHT GIDES

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Never go about with your shoes un

Speak clearly enough for everybody Never fidget or hum, so as to disturb

Never fuss, or fret, or fidget.-German town Telegraph.

HOME REMEDIES.

something hard. A big lump often appears. A piece of raw beef laid on at once will soon cause this to lessen in size, and vaseline or butter should be applied afterward to prevent discoloration.

HEADACHE.—When one goes home at most agreeable, remedy is to cut a life to the corp or the upper side. pears. A piece of raw beef laid on at once will soon cause this to lessen in size, and vaseline or butter should be applied afterward to prevent discoloration.

HEADACHE.—When one goes home at night after a fatiguing day, nothing is more restful than bathing the head and the composition of the muscles. My castlest, simplest and best, but not the crop on the upper side, close the right of the neck, where there are in the composition of the composition of the muscles.

more restful than bathing the head and back of the neck with a towel wrung out of water as hot as can be borne. It soothes the nerves and rests the body and brain. The same treatment relieves a nervous headache as nothing else does. When one is overheated and there is a rush of blood to the head, a hot towel feed sparingly on concentrated food for a rush of blood to the head, a hot towel feed sparingly on peed of sewing up the applied to the face and head is a great relief.

TOOTHACHE .- Even the most trouble TOOTHACHE.—Even the most choosesome tooth may have the pain almosi instantly stopped by the use of a little of the common compound of bensoln, sold everywhere in the drug stores. Fut a few drops on cotton and place it in or around

shad a very bad dose of hives. I broke out all over my body and legs with pimples about the size of a bean. I used Absorbine night and morning and it stopped the itching the first application. I used one bottle on myself and can freely recommend it to anybody for family use. I was bothered with chilblains and cured them with the same bottle.

J. R. DAVIS, 100 West Ave.

Poultry Yard.

MISSOURI POULTRY ASSOCIATION.— E. E. Codding, President, Sedalia, Mo.; Mrs. E. A. Creel, Secretary, Carrollton, Mo.

MISSOURI POULTRY MEETINGS AND

State poultry meeting and show at Faytte, Mo., December 10-14, 1900. Mrs. E. access to dead animal matter. A. Creel, Carrollton, Mo., Secretary. North Missouri Poultry Show at Kirks-North Missouri Poultry Snow at Kirgs-ville, Mo., December 3-7, 1900. F. M. Buck-ingham, Kirksville, Mo., secretary. Grand River Valley Poultry Show at Albany, Mo., November 19-24, 1900. R. R. French, Ford City, Mo., secretary.

CROP BOUND.

Editor RURAL WORLD: All of us who have watched poultry feeding, have noticed that when the crop is well filled, a noticed that when the crop is weithined, a greedy old hen will stop feeding, take a good hold on her crop and try to throw it over her right shoulder. This motion tends to force the feed into the gissard and thus make room for more feed.

BRUISES.—Bread soaked in vinegar and applied is excellent for a bruise, and cold turpentine affords relief. Children frequently tumble about when beginning to walk and knock their heads against to shoulder it, we can safely guess she is crop bound, caused by coarse feed, such the first the rapid fermentation of rich food in th

There will be no need of sewing up the wound. A hole large enough to insert nickel is large enough. C. A. BIRD. nickel is large enough. Vernon Co., Mo.

A GROWING INTEREST IN POULTRY.

Editor RURAL WORLD: It is gratify These come from a large and thrity class there, who are looking for cheap lands, longer working seasons and less severe winters. East Tennessee, and I presume middle and west Tennessee also, will offer many such inducements. We have the natural adaptability for growing many particular. natural adaptability for growing many grasses, but blue grass in particular, green nearly the whole year, beside the whole list of forage plants and staple crops necessary for the profitable production of baby beef, early lambs, as well as market and fancy fowls.

In our old farming methods there is but little to satisfy the most promising and amplitudes your men of our own.

sufficient to pay its fertilizer bill. There are possibly exceptions, but as a rule we notice those who stick closely to grain farming neither improve their farms not ments or adjacent territory. Already there are some few more enterprising men who work no harder but to greater purpose in animal husbandry or making a specialty of market crops, and almost invariably do well. Just one of these fellows lends the charm and thrift and progress to a whole neighborhood. Verily these pushing spirits are the sait of the earth. East dice against poultry, trucking, etc., and give them at least a share of the attention hitherto devoted so presistently to cotton, corn and wheat. W. B. DOAK.

we lost 350 chickens, 125 turkeys, 30 duck and a number of geese and guinea fowls The following year the disease appeared again. With the coming of warm weather chickens and 80 turkeys. hatched in August 150 chicks and a nu hatched in August 180 chicks and a num-ber of turkeys, all of which are dead ex-cept 10 old and 20 young ones. The fowls do not droop at all. Neither do they turn pale about the head. The young are healthy and grow nicely until at-If anyone contemplates a change of tractions and advantages of Utah. There are thousands of acres of splendid land any shoulder, both to gether, containing 127 eggs. Using a ladder my next trip, I returned with 276 or more eggs, and every egg cobwebbed. Strange! but you see that each egg was supported in its fall by the gradual displacement of the cobwebs which, detached, wound themselves about the moist ovais. "Azariah Huggins, where have you been?"

Murtilda, grown anxious, had come to THOUSANDS OF HATT'HOUSES.

If anyone contemplates a change of transper of tractions and advantages of Utah. There are thousands of acres of splendid land at varoius points on the line of the Rio Grande Western Railway in that state. The soil is very productive and the market close at hand. The climate is superble to stand cannot hold up their heads. I sugar beet industry as well as fruit culture, etc., are prominent features of these agricultural districts. Bend 2 cents a few moments. The heads of all that are attacked are unusually red. Hens lay till they die. The disease only subsides with

e coming of frost and cold weather.

lersey Co., Ill. W. H. DOWDALL.

The above letter was sent to Mr. E. W.

ter, to which he replies as follows: The lack of knowledge on the part of th such in winter time will not cause cl but the coming of warm weather and th green lies that cause maggots in the carcasses will bring on this trouble as sure as the fowls eat them. When the maggots are taken into the crop they eat their way right through, which causes a weakness of all parts of the fowl and

God, like Napoleon's guards, does not know how to surrender.

BRIEF HINTS FOR BRIGHT GIRLS.

Some one has suggested is things that every girl can learn before she is fifteen. Not every one can learn to play or sing or paint well enough to give pleasure to her friends, but the following "accomplishments" are within everybody's reach:

But the door and shut it softly.

Learn to make bread as well as cake. Never let the button stay off twenty-four hours.

Always know where your things are. Never let a day pass without doing something to make somebody comfortable.

Never come to breakfast without a collar.

CROP BOUND.

AMERICAN



The Apollo Turkish Baths 821 LOCUST ST., Opposite P. O. Have been refitted, refurnished and are the best in the city. Under a new management every effort will be made to please customers. The very best shampoors are employed. The heating rooms, shampooing rooms and cooling rooms are un-stanged elsewhere. Exclusively ladder horse until time till midnight.



Maplehurst at the Shows

W. B. DOAK, RUSSELLVILLE, TENN. llie pups, reg. P.-C. pigs and S. D. rams. Write

DOOM AT THE TOP that there we recon at the 20m Century Poultry Book.

Belgian Hare Bargains! A long time established and successfully con-ducted Belgian Hare establishment. Imported pedigreed and selected high grade animals. None setter in the country. Will quote special prices for next 20 days. Can fill any order. Have printed instructions to be furnished on request. Write us. HOPE LAWN BELGIAN HARE CO.,



For a living. He has to. He must "make hay while the sun shines," no matter how he feels. The result is overwork. The stomach usually gives the first sign of strain. The organs of digestion and nutrition are deranged. Food does not nourish. Indigestion appears. In such a case Dr. Pierce's Golden Medical Discovery re-establishes the health by a complete cure of the discased organs of digestion and nutrition. It cleanses the stomach, purifies the blood and removes the causes of disease. It is a temperance medicine, and contains no whisky nor alcohol.

"I was troubled with indigestion for about two hatch, take for the difference of plainties."

whisky nor alcohol.

"I was troubled with indigestion for about two years," writes Wm. Bowker, Esq., of Juliaett, Latah Co. Idaho. "I tried different doctors and remedies but to no avail, until I wrote to Dr. Fierce and he told me what to do. I suffered with a pain in my stomach and left side and thought it would kill me. I am glad to write and thought it would kill me. I am glad to write and thought it would kill me. I am glad to write and tried feeling that I used to have. Fire bottles of Dr. Pierce's Golden Medical Diacovery and two vials of his 'Pleasant Pellets' cured me.'

Sick people can consult Dr. Pierce by letter free. All correspondence private. Free. All correspondence private B Dr. R. V. Pierce, Buffalo, N. Y.



LADIES Have you even on per day at your day? Please send us Full information Genteel and profitable. Dinner Set Free. THE NATIONAL CO., Dept. D., 307 S. 19th Street, ST. LOUIS, MO. FARMERS' MILLS

Can Sell Your Farm on and selling price, and learn my success. W. M. Ostrander, 1215 Filbert St., Phila., Pa.

This Comfort Rocker \$2.95



THE R. E. WALLBLOW FURNITURE & CARPET CO.

POULTRY.

FOR SALE—Choice Barred Ply. Rocks and Light Brahmas. O. W. REID, Prairie Hill. Mo.

Death to Lice on heas & chickens, 64-p. Book Free. D. J. Lambert, Box 310, Appenses. R BUFF and WHITE BOCKS for sale. Write you wants. MRS. J. E. MAY, Wilson, Mo

BUFF ORPINGTONS, after September 15, cock erels \$2; \$ for \$5. One cock \$3. HENRY C. WAHLMANN, Red Bud, Illinois. SELECTED BREEDERS FOR SALE B. Lang., Lt. Brah., B. Ply. Rock S. C. B. Leghorn, Park. Cochiv and Pekin Ducks Continental Poultry Farm, Believille, Ill

1882—Cockerels and Pullets, Lt. Brah—1900 Rocks, S. L. Wyandottes, Satisfaction or your money back. Prices right. H. T. REED, Camp Point, Ill. PRAIRIE HOME POULTRY YARDS. Bronse and White Holland Turksys. Lt. Brakmas, Silver, Golden and White Wy andettes. Barreland White Plymouth Rocks, Pesfowls and Pear Guiness. Stock for sale. Mrs J. A JOHNSTON Prairie Home, Cooper Co., Mo.

ELEGANT IN PLUMAGE AND SIZE. S. S. Hamburgs, Golden Wyandottes and Buff P. Rocks that will equal the "Blowhards" at half the price. J. B. RAYNES, Ames, Illinois

Barred Rocks, Pekin Ducks!-Prise stock and eggs for sale. Guarantee satisfaction. Napantes Poultry Rance. New Florence, Mo W. P. ROCKS and DUROC-JERSEYS

Choice Young Stock for sale at farmer prices. R. S. THOMAS, Carthage, Mo. SPECIAL BARGAINS!
Now at the EGG FARM. Rock equals the bestEggs as cheap as any. Young and old Brown and
White Legionrus, Bareed and White Fly. Rock and
Black Minorea. Write to day for Circular to
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FOR SALE—Scotch Collie pups of firsts torecting.
Some choice Shropshire Rams. Also write Promouth Rock Cockerels. Write for prices.
BOACK BREASTED RED GAMES

BOACH CAPPELLON. Illinois.

200 Pure Black Breasted Red Games for sale.

FINE EXHIBITION BIRDS! White H. Turkeys, Silver Wyandot.es and Barred Rooks for sale. Bred from our winners at uls, Kanasa City and Missouri State shows. Pedi-sed stock to suit the most oxacting. E. B. KOONTZ, BICHARDS, MO.

COE'S ECZEMA CURE \$1 Large numple multed from.

MOTHERS If you fail to find a cure for Bod torrespond to the Core generated. Mits Research To. 8th Louis Mits.





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for sale rio \$3.00; d no other n for ten amos. My

and Barred hers at St. ows. Pedi-RDS, Mo. re for Bed de Bes Free. Louis. Mo.

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BLACK U. S. AND TECUMSEH POLAND-Pigs at \$10. Pedigrees furnished. All letters answered. Jersey Cattle of good butter strains for all.

ERNEST W. WALLEN. Monett, Mo.

FOR SALE both sex of Pure Bred Poland Chinas at low prices.

W. E. CASON, New Bloomfield, Me.

VIVION & ALEXANDER,
PULTON, MO.

greeders of the best strains of Poland-Obisa
bogs. Registered Jovey bettle and Plymouth
Bock chicks. Young stonk for sale at all times.

POLAND-CHINAS t very reasonable prices and of the best breeding agistered stock. Write for prices.

J. H. WAGENECK, Enfield, Illinois.

EARE CHANCE TO GET PRIZE-WIN-NING Foland Chines right. Captured 10 firsts: second premiums at Edvardeville, III., Fait, and the same premiums at the Highland Madison Coun-y Fair. We have a splendid to of spring pigs to ofer. Everything slightle to record. L. A. SPIES BREEDING CO., 8t. Jacob, III.

OUROC-JERSEYS Begistered stock, Pign Set breeding. Prices reasonable. The true Reds. J. E. HAYNES, Ames, Ill.

DUROC-JERSEYS!

30 choice boars ready for service and 50 gilts read to breed; also a few Shropshire buck lambs.
S. Y. THOHNTON, Blackwater, Mo.

arge English Berkshires, all ages. Write J. E. BURGESS. Macedonis, Phelps. Co., Mo



SHROPSHIRESI



A Positive Cure and Preventive.

Only one Dr. J. H. Snoedy and one SMODDY REMED'S for Hog Cholers which is made only by us. Dr. Snoedy's pay no substitute. Write to-day for Dr. Snoedy a new tooklet on Hog Cholers and circulars and testimonials show his remedy. Address.

The Dr. J. H. Snoddy Remedy Co., Branch House—Des Moines, Ia. Alten, Ill., U. S. A.

The Shepherd.

MISSOURI SHEEP BREEDERS' ASSO-

TO MISSOURI SHEEP BREEDERS.

SHROPSHIRES
The up-to-date kind. 40 yearling rams imported from Canada that are large and fine and not high priced. Also Canadian and English bred ewes.

McFADDEN BROS., West Liberty, lowa.

Shropshires
RAMS
and
EWES
From the prize winning flook that has well as the prize winning flook that has won more prizes at leading State fairs than all other flocks in America.

Call on or address
GEO. ALLEN, Allerton, Ill.

BERKSHIRES SOUTHOWNS
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Right Call on or address
C. A. McClux, AUXVASSE, Mo.

SHROPSHIRE RAMS, all yearlings, for sale; also my stud ram for sale or trade for one as good Address L. G. JONES, Towanda, Ill.

Extra Geod Shropshire Sheep and Poland-China logs were sale and farm for sale or trade for one as good Address L. G. JONES, Towanda, Ill.

Extra Geod Shropshire Sheep and Poland-China logs were sale and lambe at a hargain pedgress granted were for prices. James W. Turner, E. 144, Shelbyville, Mo.

MERINO SHEEP! Both Americas

SWINE AT ILLINOIS FAIR.

While the exhibit of swine at the Illinois state fair was not as large in numbers as it has been in other years, yet it made up the quality, and Superintendent J. H. Asby, unloud State Fair was not as large in numbers as it has been in other years, yet it made up the quality, and Superintendent J. H. Asby, unloud State Fair was not as large in numbers as it has been in other years, yet it made up the for judges. W. G. Riley, Thorntown, and attening if you give him a half chance to get food. The great enemy of health in sheep and the pull of the great enemy of health in sheep and the pull of the great enemy of health in sheep and the pull of the great enemy of health in sheep and the pull of the great enemy of health in sheep and the pull of the great enemy of health in sheep and the pull of the great enemy of health in sheep and the pull of the great enemy of health in sheep and the many and among the prize awarded we note:

W. A. Smilley & Son, Milligan, first and third on year and third on year and the pull of the many in the pull of the

wor more than all others at World's Take and seven house and Combon to Septential State of the Court of the C

****THE

Great Perfection Sale POLAND-CHINAS

EL PASO, ILL., TUESDAY, OCTOBER 30th, 1900. 45 HEAD

by the Great Show and Prize Winning Sires

Chief Perfection 2d, Gold C Black Chief's Rival, Missouri's Black Chief,

Fraiser's U. S., Young Chief Perfection; Heyl's Black U. S. and a great herd header by old Chief Perfection; dam, Gosick's Choice by U. S. Chief.

PERFECTION IN BLOOD PERFECTION IN QUALITY Beeckeekekekekekeke

Special Attractions in Herd Headers:

No. 2 Climax, by I Am No. 2; dam Queen Perfection, 1st prize gilt at Illinois, '99.

Hulda's Chief Perfection, by Chief Perfection 2d; dam Hulda 3d, greatest sow sired by old Best On Earth.

Haida's Chief Perfection, by Chief Perfection 2d; dam Hulda 3d, greatest sow sired by old Best On Earth.
 Excelsor Black Chief, by Black Chief's Rival; dam Iowa 3d by Imitation. This is the best boar old Black Chief's Rival ever sired, and one of the greatest pigs of 1900.
 Erie's Perfection, sired by I Am Perfection [sweepstakes at Illinois, '99]; dam Erie Tecumseh, the greatest sow sired by Gold Chief, and dam of the highest priced litter in '99. This is one of her best productions; dam of the sweepstakes at Minnesota.
 A's Black Chief, by Missourl's Black Chief [lat prize aged boar at Illinois, '99]; dam Chief's Daughter. This boar is a royal good one and a great out-cross for perfections.
 2d Chief Perfection, by old Chief Perfection; dam Gosick's Choice by U S Chief. This great boar is a full brother in blood to the great and noted boars, I Am No. 2, Chief Perfection 2d and I Am Perfection He is a great hog and a grand breeder.
 Halda's Excellence, sire Chief Perfection 2d; dam Hulda 3d. This pig is a corker.
 U S Chieftian, by Fraiser's U S; dam Lady U S T. Look me up—I'll open your eyes.
 I Am if, by I Am Perfection, the "sweeper." My mamma is Great Comfort, one of Ed's jewels by Banner Chief. While I am not the whole thing, I am a good share of it. Get me if you can.
 U S Boy. Uncle Tom Wilson thinks I am a good one, and Fraisers' U S my daddy. My mamma is one of C. P. 2d's good daughters.
 Also other great boars, but space forbids the descriptions.

Additional Attractions.

20 head of gilts of fine mold and silky finish, sired by the great winners, I Am No. 2, Chief Perfection 2d and I Am Perfection. Three nice sows bred to Chief Perfection 2. Two will have littlers by side sale day. Come each and all to this sale comprised of opportunities of rarest type, kind and breeding. A visit to the great Excelsior Herd will do you good. Sale at farm where you will see how they grow. Come and see the little pigs eat. Don't forget a CAT-A-LOG. Send bids to auctioneers or G. M. Cantrall in my care.

D. P. McCRACKEN, Auctioneers.

ED. BURROUGHS, El Paso, III.

SIGK DON'T PAY. worl and Cure the Sick Ones at Magnes pire Sick Ones at Months for the Figure 1 and Cure the Sick Ones at Months of the Walkington A postal will bring full particulars and book on the "CARE OF HOGS." Address Months of Hogs." Address Months of Hogs. Sigk Wards, Kansas Monte's Co., Stock Yards, Kansas Control of the Cont

at Auction!

HOPEDALE, ILLINOIS, FRIDAY, NOVEMBER 2d, 1900. 50 HEAD Choice Poland-Chinas, Ages

Sired by Chief Perfection 2d, the Greatest of Sires, King Perfection, Royal Brother to C. P. 2d, Big Chief Tecumseh 2d, Perfect I Know, Ideal Sunshine, Perfect U. S.

Here's the Quality that Pleases. Here's the Blood that Leads.

SPECIAL ATTRACTIONS: An Extra Sow by P. I. K.; Also one of the Best Daughters of Ideal Sunshine, a Regular Daisy.

6 pige, fall farrow, by C. P. 2d, smooth and growthy; 5 fall pigs

In individuals, fancy and nice, Buy them here at your own price.

Catalogue is now ready and will tell you all about the offering, giving terms. Sale is on the farm, near Hopedale. Free conveyance to the farm sale day. Free entertainment at hotel. Write now for catalogue, mention Colman's Rural World.

Col. D. P. McCRACKEN, Col. H. O. CORRELL, Auctioneers. C. N. SUTTER, Hopedale, Illinois.

OSCAR COLE, AURORA, ILL., PRINCE CLASS SHROPSHIRE SHEEP, Oxford Down Rams, Yearlings and Lambs

Skabcura-Nicotine Sheep Dip CURES Seab and Tieks. Improves the wool. Packages at and \$1. Send for descriptive pamphi free free SKABGURA DIF OO., 18 Branch Street, St. Louis, Mo.



SHROPSHIRE RAMS! Of the best families at farmers' prices. Write for what you want, or what is better, come and inspect the stock. W. H. KBB, Prairie du Rocher, Illinois.

Kansas City Branch C. & A. R. R.

WEDNESDAY, OCTOBER 31, 1900. I will sell 10 choice yearling gits and 40 extra good spring boars and sows by Missouri's Black Chief, 19399, also about 20 early spring pigs by A's Chief 21014, and one litter of 7 by Perfect I Know. This offering will be strictly first-class in every respect. For free catalog address

E. E. AXLINE, OAK GROVE, MO. Auctioneers—Col. J. W. Sparks, Marshall, Mo., Col. D. P. McCracket Paxton, Ill., Judge Thos. E. Chinn, Independence, Mo.

Royal Blue Blood!

SALE OF POLAND-CHINA TOPS, at WASHINGTON, TAZEWELL CO., ILLINOIS,

FRIDAY, OCTOBER 26th, 1900. 50 HFAD—The Best Litter 1900 Chief Perfection 3d Sweepstakes—50 TOPS

My ofering is sired by Chief Perfection 3d In Perfection Sweepstakes—

My ofering is sired by Chief Perfection 3d I Am Perfection. King Perfection by C. P. 3d. (all brother to Henry Perfection sold for \$440, and OHIO SUNSHINE by Ideal Sunshine

H. JUST THINK—3h bead are by Chief Perfection? 3d and I Am Perfection. The best litter of pigs aired by Chief Perfection 3d, dam Quality Girl by Chief We Are by BLACK CHIEF, of 1900, it litter. So boars that are bard headern, namely:

Real Thing, Sure Thing, See You Later, Me Too, You Too.

T. E. ORTH, Washington, Illinois.

PLEASANT HILL POLAND-CHINAS! We have for sale a good uniform lot of February, March and April pigs of roots agg, sired by the twee State Fair first price winners, Chief Perfection Jr. 85656.4, and Ideal Tecumesh 56974.2, and one of the transfer of the

BERKSHIRE BOARS-A SNAPI

By Royal King Lee 2d, 29183 by King Lee 27500; dam by Longfellow; dam of boars Auxyasse Sallie 48913 by McCues King 42102. Straight bred Sallies and a snap at the price. Call on or address, M. B. GUTHRIE, Mexico, Mo.

Bargains in Berkshires at Sunnyside. 100 HEAD to spare at reasonable prices. It boars ready for service. A nice lot of yearling sow clicker ocen or bred. Silver Lecck Wysandotte eggs for hatching at \$1.00 per 15; also a few mi Cockerels for safe at \$1.00 cach. We can suit you is price and quality. Ow write as at once.

HARRIS & McMAHON, Lamine, Missouri.

FINE BERKSHIRES

All ages and styles. From plain to fancy. Single or in car lots at lowest prices. Twenty choice registered Ewes bred before shipping. Write or visit flook. Kansas City & L. Electric cars stop at front gate.

KIRKPATRICK & SON, Welcott, Kan.

W. H. KER, Frairie du Rooner, Illinois.

PURELY BRED DUROC-JERSEY REDS and Chester White Pigs, eight weeks old at \$6.00 each. Year by year the same. Price List. Stocked up. Address D. L. F. ZUMBRO, Avalon, Livingston Co., Mo.

The Markets

WHEAT-Cash market lower and slow The shipping and milling demands were small and the accumulative demand smaller, the prices asked restricting buying also, so that considerable carried over. Especially dull was hard winter, which hearts of the state of the st heretofore been the strongest. By sample, switched, No. 2 red sold at 73@%c this, and 74c E. side; No. 3 red at 71c to 72%c; No. 4 winter at 576694c; lower grades at the to 12%c; No. 2 hard at 71c to 70%c, and No. 2 hard early at 70c, but at close No. 2 not worth over 70c, and No. 3 sec. In elevator, aks., No. 2 red at 72%c, and No. 3 red at 70%c.

CORN-Cash market-The situation is asy. Sellers trying hard for former but buyers "mighty scarce" at the rates asked. Sales delivered of old at 400 to 39%c for No. 2, 40c for No. 2 yellow, 42c for No. 2 white. New at 38% for No. 3 (37% for No. 3 or better to arrive), and for No. 4 white.

OATS—Cash market—Lower, but decline

not sufficient to draw buyers in freely, and considerable unsold. By sample, on trk., No. 2 sold at 224@234c for ordinary to choice, and fancy at 2%@24%c; No. 3 at 29%c; No. 2 white at 28%@%c; No. 3 do. at 36%c; No. 4 do. at 23%@24%c. RYE—Dull. Not much offered, but buy-

RYE—Duil. Not much offered, but buy-ers holding off. Good No. 2 not salable above Sec and No. 3 sic. MILLFEED—Easy, though bran well sustained in price, as demand about equal to offerings. Quotable at Sec in large and 70c in small sks. and 6c in bulk, basis E. trk. Mixed feed dull and lower at 71@72c (latter 100-lb. sks.) and mids at 72@74c E. trk. At mill bran jobs at 70c and ships at

HAY-Large arrivals caused buyers to HAY-Large arrivals caused objects to stand off for lower prices, which sellers not disposed to give in to. The market was consequently a dull one. Prices on trk. range: Timothy, \$15 for choice, \$11.50 @13.50 for No. 1, \$10.50@11.50 for No. 2, \$9@ 10 for No. 3; prairie, \$10 for choice, \$9@.50 for No. 1, \$7.50@8 for No. 2, \$6@6.50 for No.

straw—Wheat on trk. \$4.25; rye \$6.
STRAW—Wheat on trk. \$4.25; rye \$6.
GRASS SEEDS—Clover \$693.70. Timothy
\$3.7594.34; redtop 50c for chaff to \$8.30 for
fancy. Other seeds nominal.
CASTOR BEANS—Bid \$1.25 per bu. for

prime in car lots. HEMPSEED—\$2.55 per 100 lbs., pure ba-

FLAXSEED-Nominally higher at \$1.70.

PRICES ON 'CHANGE.

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71% n
7

May78%	78 @77%	77% 8
Corn	10 8/1178	1175 0
Oct38%	38 @3814	38¼ n
Dec34% a	34%@34%	34% @34%
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May35%	@	251/4
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Wheat-		TO 40.774
	72 74 @75	78 @74
	70 71 @78	71 @72%
	67 68 @70	67 @691/2
	69% 71 @71%	701/2@71
	691/2@	69 @70
Corn-		
No. 232 @	40	39% @40
No. 3311/2@	3914@	39 @
No. 2 white.32 @		42 @
No. 3 white.31%@	41%@	41%0
Oats-		
No. 2231/2@		221/4@231/4
No. 323 @		22 @221/4
No. 2 north.231/20	24 24 @	231/4@241/4
No. 2 white.251/2@		261/4@261/4
No. 3 white.231/2@		25 @251/2
No. 4 white.2314@	23% 24%@25%	231/2@241/4

COTTON—There were heavy realising sales to-day and no bull support and the market broke down sharply, recovering a little about noon, but declining again later. Cables were bad. Liverpool reporting a decline in futures at the start of 4 to be solved. Takes the market improved, but 6 points. Later the market improved, but the close was at a loss for the day of 4 to 6 points and spots of 3.16d. The bears cons points and spots or 3.18d. The bears con-tinued to hammer things on this side throughout the session. Long cotton came out freely and there was a loss in the January option of 31 points and August was off some 45 points by the close. Senti-ment was bearish and advices stated that New Orleans was also largely lower. Spots New Orleans was also largely lower. Spots at New York and locally were 3.16c off for

marke	ES.	dan	and	9-10C	lower.	MO
У					85	6
rdinary					93	
iddling					35	6
E					10	1-16
Z					9	13-16
iddlini	F				10	1-16
e fair					10	7-16
ng-1%	-lb	. 8.	10c	Der '	yard:	2-1D.
4-lb. 8	.85c	. 1	ron	ties \$	1.82. H	emp
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֡	y ddling ddling iddling g fair ng—1% 4-lb. 8	y	y ddinary dding	y ddinary ddling siddling g fair ng-1¼-1b. 8.10c 4-1b. 8.56c. Iron	y ddinary dding g fair ng-14,-1b, 8,10c per -(-b, 8,58c, Iron ties 8)	y 357 Idinary 99 Idinary 99

WOOL WOOL Wool Woo	twine Sc per Ib.	
Missouri and Illinois— Medium combing 20 Medium clothing 19 @194, Braid and low 12 @194, Burry and clear mixed 13 @194, Burry sand clear mixed 15 @194, Burry 15 @194, Burry 15 @194, Burry 16 @195, Bard burry 16 @195, Bard burry 16 @195, Bard burry 16 @195, Bard burry 19 @194, Beavy fine 19 @194, Beavy fine 11 @194, Beavy fine 13 @194, Beavy fine 13 @194, Beavy fine 13 @194, Beavy fine 14 @195, Bard fine 18 @195, Bard fine 19 @195, Beavy fine 19 @195, Barty fine 19 @195, Burry 18 @34, Burry 18 @36, Angora goet halt— 18 @30	WOOT	1-97-0
Medium combing 20	WOOD.	
Medium combing 20		
Medium clothing	Missouri and Illinois-	
Braid and low	Medium combing	491914
Burry and clear mixed	Medium clothing	
Silghtly burry 15 6:15½ Bard burry 12½(6)13 Light fine 16 (0)7 Heavy fine 13 (6)14 Lamb 16 (2)18 Kansas and Nebraska— 19 Dark and sandy 14 (6)18 Fine medium 14 (6)15½ Light fine 13 (6)14 Heavy fine 11 (2)12 Texas, I. T. and Oklahoma— 12 (6)16 Medium 18 (6)18 Fine medium 14 (6)16 Hasvy fine 14 (6)16 Heavy fine 10 (1)12 Arkansas and Bouthern— 10 (1)12 Medium (neeced) 19 (7)13½ Burry 14 (6)15 Tabwashed— 20 (2)2 No. 1 33 (6)2 Burry 14 (6)15 Angora goat half— 18 (2)2	Braid and low	
Hard burry 124/6913 Light fine 16 6017 Heavy fine 16 7014 Lamb 16 7014 Lamb 16 7014 Lamb 16 7014 Lamb 17 7014 Kansas and Nebraska— Brighe medium 19 Dark and sandy 14 7015 Heavy fine 16 7015 Heavy fine 17 10 7015 Texas, I. T. and Okishoma— Medium 18 7015 Heavy fine 19 7015 Heavy	Burry and clear mixed	@1514
Light fine	Bilghtly burry	46912
Heavy fine	Tiebt fine	@17
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Dark and sandy 4 918 Fine medium 14 9154 Light fine 13 914 Heavy fine 11 912 Texas, I. T. and Oklahoma— 16 918 Medium 18 018 Coarse and low 13 016 Fine medium 14 016 Heavy fine 14 015 Heavy fine 10 0194 Medium (loose) 18 0184 Burry 14 015 Tabwashed 2 No. 1 20 024 Annora goat hair— 18 020 Cass and clear 18 020	Brighe medium	
Fine medium	Dark and sandy14	@16
Light fine	Fine medium14	
Heavy fine	Light fine	
Medium	Heavy fine 11	@12
Coarse and low	Texas, I. T. and Oklahoma-	
Fine medium	Medium18	
Light fine .14 c015 Heavy fine .1 c012 Arkansas and Southern-Medium (Receed) .19 c019½ Medium (100se) .18 c018½ Burry .14 c015 Tabwashed- .25 No. 1 .23 c024 Burry .18 c020 Angora goat hair- .18 c020	Coarse and low13	
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No. 1	Thebareahad	610
No. 1	Tabwashed—	20
Angora goat hair—	270 9	6924
Angora goat hair—	Burry 18	@20
Clean and clear		
10 6911	Clean and clear	@20
	Burry 10	@11
Black and seedy from 4c to 6c a pound	Black and seedy from 4c to 6c a 1	pound
iess than quotations.	iess than quotations.	4 4 1 7 7

Heas 7c; old roosters 31/2c. Ducks 7c. Live pigeons and squabe 60676c per doz. Geose 6c. Spring chickens quoted at 7c per ib. APPLES—Ben Davis range in price from 75c@41 for damaged and poor to \$1.35 for fair and \$1.60@1.75 for choice to fancy; on wheat and harrowing in the spring. If "Cherry Hill" sows timothy with his

at \$292.25.
GRAPES—Choice Concords at \$2912½c;
Niagaras selling quietly at \$14915c for 8-1b,
and \$c for pony baskets; Delawares higher at \$15917c for pony baskets; Virginia
conditions assilling at \$2 now 1b loop. edlings selling at 2c per lb. loose.

PEARS-Quote: Keifer at \$1.50 to \$2 per PEARS—Quote: Keifer at \$1.50 to \$2 per bbl.; Sheldon and Duchess at \$1.5091.75 for No. 2, and \$262.25 for No. 1. Bulk selling at \$1.75 per bbl. measure. Near-by Keifer at \$5630c per ½-bu. basket.
QUINCES—Home-grown at 75c per bu. loose. Consigned lots New York at \$262.25 per bbl. for No. 1 and \$1.50 for No. 2. CRAB APPLES—We must a below Hyra.

2.25 per bbl. for No. 1 and 81.50 for No. 2.
CRAB APPLES—We quote choice Hyslop at 40c to 50c per bu. basket.
POTATOES—Quote choice Northern in
bulk on trik: Burbank at 39638c, rural at
37638c; poorly culled and inferior stock
less. Home-grown very strong, selling
loose from farmers' wagons at 30633c per
bu., fancy bluff stock bringing more. Recelpts by houts from mear, by lover viverceipts by boats from near-by lower river ooints selling at 25@30c per bu.
ONIONS—Quote the range at from 25c

for poor to 48c for choice red globe; white at 55000c. SWEET POTATOES-Home-grown Bermuda sell at 30@35c and nansemond at 35@ 50c per bu. loose, and at \$1.75 per bbl. for Bermuda and \$2.25 for nansemond, on or-

PICKLING ONIONS-Quote home

rown white at 65c per half-bu. basket.
WHITE BEANS—Choice hand-picked
sea beans in a jobbing way from store at
202.10—screened 5c per lb. less. Western at \$1.50; weevily less. Lima beans at 6c

per lb.
HONEY-Comb at 10c to 12½c-fancy
white clover, 13@14c; inferior, dark and
broken less. Extracted and strained in
barrels, 5@5½c, and in cans ½@1c per
oound higher.
FEATHERS-Quiet and unchanged. We
quote: L. G.-white 48c in small and 46c
in large sks.; gray 36c, white old 35@37c; X
25@30c; XX 13@22c, XXX 10@13c, XXXX 6c.
Tare 3 per cent for large to 10 per cent

Tare 3 per cent for large to 10 per cent for small sks. Duck-white 35c, dark 256

To: Chicken—New 4c.

SHEEP PELITS—Full wool pelts at 50c to 50c, according to amount of wool on them; lamb at 35650c—Southern 2640c; shearlings at 20@35c. Dry stock, fallen, BEESWAX-We quote at 26%c per lb.

ROOTS-Ginseng ranges from \$3.25 for very small, toppy, stemmy, etc., to \$3.50@ 2.75 for good and \$4 for large; lady slipper at 7c, Seneca at 25c, pink at 14c; golden at 7c, Seneca at 25c, pink at 14c; golden seal at 46c, May apple at 25/c; ranke 30c—White snake at 2c, button snake 2c, black 5c, Angelica 35/c. Wahoo—bark of root 8c, bark of tree 25/c. Blood 25/cc, blueflag 3c, scull cap leaves 5c; sassafras bark 4c, wild ginger 4c.

LINSEED OIL—Quotable per gallon: Raw at 62c, boiled at 63c—le per gallon less in car lots.

ess in car lots.

BROOM CORN—In only fair demand. and prices are easy; range now at from

ally nice brush would bring Dother kinds from \$10 to \$15.

RAGS, ETC.—Per 100 lbs.: Country rags at 80c. Old rope—No. 1 and manila \$1.60; No. 2 50c. Rubber \$8.

LIVE STOCK.

very liberal, and there was also a repre sentation of Western range animals avail able. Most of the offerings comprised horses suitable for the Southern markets horses suitable for the Southern markets. That trade was in very strong and active condition, Southern buyers being numerous and aggressive. The Eastern and export trade, while displaying some activity, was not quoted any stronger than it has been during the last two weeks. The strength of the Southern demand was easily the feature of the market, horses for that quarter selling variously from 346 to that quarter selling variously from \$40 to \$117.50, the grand bulk at \$60 to \$75.

Silf.80, the grand bulk at 300 to 175.

The open pens to-day were full of range horses, some being available for a sale this afternoon, others awaiting a special sale of Western horses to-morrow morning. As an average the quality was much better than a forthight ago, and there were many very choice, smooth animals among the collection.

Horse Quotations—Heavy draft, con

In the RURAL WORLD of Oct. 10 wants advice about seeding clover and timothy on wheat and harrowing in the spring. If "Cherry Hill" sows timothy with his wheat this fall and harrows it in the spring, he may or may not kill his timothy but of one thing he may rest assured, If he does not kill his timothy by harrowing, the chinch bugs will kill it when he couts his wheat If how are as had in his.

The values of the farm, of animais slaught on the farm, of the State Board of Agri but on the state Board of Agri line, the chinch bugs will kill it when he couts his wheat If how are as had in his. cuts his wheat if they are as bad in his ounty as he intimates in his remarks

about the corn.

If I were going to do that job, in the light of past experience, I would wait until all danger of frost were past next spring, sow the clover and harrow it in; then next September sow the timothy in the clover, going over the ground with a total gain of \$17,729.831, PEACHES-Home-grown at from 750 the clover, going over the ground with a slanting tooth harrow.

C. A. BIRD.

Vernon Co., Mo.

SCIENCE WITH PRACTICE.

At a recent meeting of the Board of
Trustees of the Iowa Agricultural College
provision was made for allowing limited
credits in the agricultural course to stulargest increase being in 1900. credits in the agricultural course to students who are employed from three months to a year in practical work on stock farms, horticultural or feeding farms, beet sugar farms or factories, dair, ry establishments, or forestry reservations of recognised standing; provided competent and faithful service is rendered under the direction of the proprietor and a concise written report or resume of their observations and experience is made by the students on returning to the college.

This provision was a summer the division of the Department of Agronomy at the latest the college. concise written report or resume of their observations and experience is made by the students on returning to the colleges of this provision was made on recommendation of Prof. Curties, to give emphasis to and encourage practical work as well as a scientific training in the agricultural course, and to more fully meet the dead mands for young men competent to become managers of farms and agricultural enterprises of various kinds. This demand he has grown very rapidity of late. Conservative capitalists are looking upon intelligent in the agricultural enterprises of various kinds. This demand he has grown very rapidity of late. Conservative capitalists are looking upon intelligent in the safet. It is proposed to study these soils mentally conducted farming operations as among the safest and most remunerative investments to be made. The chief him of the college is the difficulty of security of security conducted farming operations of handling and cropping best daughted to each. The work which has been done indicates that there are numerous problems of a fundamental character and of vital importance which are demanding the attention of the farmers of the state. Not the least among these is the particultural lands are naturally looking to the colleges of "Science with Practice," and it is the aim of the college to teach science for its practical application in the industries of life.

The Agricultural Department has made marked progress in this feature of its

of life.

The Agricultural Department has made marked progress in this feature of its work in recent years. In the rapid strides that have been made, the practical value is of the courses has been kept prominently in mind and the results attained have the school a popular.

In the last ween from an early and the second of this condition, satisfying the temporary wants of manufacturers so as to get them out of the field, obliterate competition and active buying, and thus bear the market. If this is true the price must of necessity go up again. If, on the other hand, the manufacturers are well stocked with country it is certain that what they have has cost them from 80 te 1806, while leaves, because of her tendency to look and among married to the small factory that has no old corn on hand, and easily that has no old corn on hand, and easily that has no old corn on hand, and the present starded in this city, and a movement is on foot to establish a large concern, backed by some of the wealthiest farmers, among whom is except and a movement is on foot to establish a large concern, backed by some of the most of the plant corn of the plant control of the plant corn of the plant country is the price of finished broomand clear the value of the plant country is the price of mished broomand clear the value of the plant country is the proposed on by speculators.

SPECIAL EDUCATION.

SPECI

Horse Quotations—Heavy draft, common to good, \$90 to \$150; choice to fancy \$150 to \$370. Drivers—Common to choice \$75 to \$275; coach pairs \$300 to \$300. Saddlers—Common to choice \$65 to \$152; fancy \$150 to \$270. Common to choice \$65 to \$152; fancy \$150 to \$200. Chunks, \$1,200 to \$1,400 lbs.—Common to sood \$80 to \$80; choice to extra \$100 to \$200. Chunks, \$1,200 to \$1,400 lbs.—Common to sood \$80 to \$80; choice to extra \$100 to \$275. Southern horses—Common to good \$80 to \$80; choice to extra \$150 to \$80. Plugs \$155 to \$40; choice to extra \$65 to \$85. Plugs \$155 to \$40; choice to extra

KANSAS FARMING

or slaughter and the poultry and marketed in the year ending March

During the past summer the division of soils of the Department of Agronomy at the University of Illinois has undertaken a study of the soils of Illinois. With this end in view, over five hundred samples have been collected from various parts of the state. These samples, which are being prepared for permanent specimens and for purposes of study, represent a large proportion of the many different types of soil which are to be found within the state. It is proposed to study these soils mechanically, chemically and biologically, to determine the individual properties peculiar to each different type, and the proper

The Need of the Young American

A college education as we see it to-day is not enough to insure a good citizen Something more is required. This some-thing is unselfish particism. But cannot this be made one of the results of educain mind and the results attained have been such as to give the school a popular standing and make its graduates in wide demand. Employers or prospective students wishing to avail themselves of this provision, are invited to make application.

BROOM CORN MAY ADVANCE.

Greenup, Ill., Oct. 12.—If the broom corn barons do not gobble up this year's crop pretty quickly, there is going to be a lively impresses in the number of independent to repeal invaders. He must be taught Greenup, Ill., Uct. as the property quickly, there is going to be a lively increase in the number of independent broom factories through this section. The local broom corn market has slumped off in the last week from 80 to 370, and there are virtually no buyers in the field.

It is alleged that brokers have caused in the last week from 80 to 370, and there are virtually no buyers in the field.

It is alleged that brokers have caused in the state of the state in time of peace countries as in unselfishness and honesty.—Leonidas Hubbard, Jr., in The Saturday Evening Post.

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E YOUR HOGS



KINGSLAND MFG. CO., ST. Louis, Mo.

Chuck Corn Shellers, They are now and always have been the only Shellers on the market that su seessfully shell corn with er with-eut the shuck. an perfectly, do not waste or crack grain, and cob-are left in good condition.

"THE STANDARD"

FOUR SIZES,

FOR STRAM or HORSE POWER.



Quickly and Permanently CURED. REMEMBER. I have practiced right in 8t.
Louis nearly ten years and cured over 5.00
8t. Louisans. NO PAY UNTIL CURED.
No Palan; No Outting. Enclose 4 ct.
for Blocklet on Rupture.
At LEWIN, M. D., deite 969 Holland
Bldg. 911 N. 7th attents, 8t. Louis.

WANTED—Salesmen for cigars; new plan, quick sales, good business, big money.
CONSUMERS' CIGAR CO., 534 So. 7th-st., St. Louis.

FOR SALE-80-Acre FARM. in cultivation, 1/4 bottom, good orchard and 3 miles from town 1/4 mile from school; jouse, good spring and cisters; will sell Address HY. KORTTING,
Frankenstein, Osage Co., Mo.

GALVESTON HORROR.

Official history, mearly 500 pages, illus AGENTS clearing 510 per 6ay; BEST T FREIGHT PAID; CREDI'C GIVEN; books outfite free; GOOD SALARY AND EXPEN SPECIAL AGENTS. H. J. SMITH PUB. CO., 250 Dearborn, Chi

MEW No. 1 PINE DOORS
At \$1.00 each
Bought at Shariffs Sale of the Door
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price from \$1.0 up. All \$1258.
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CHICAGO BOULD HER Free of cost. IICAGO HOUSE WRECKING CO.

Alfalfa was brought from Europe to this country at the time of the Spanish conquest of Mexico. Thence the culture of it spread to South America, and reachornia by the way of Chile

SCHOOLS AND COLLEGES

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